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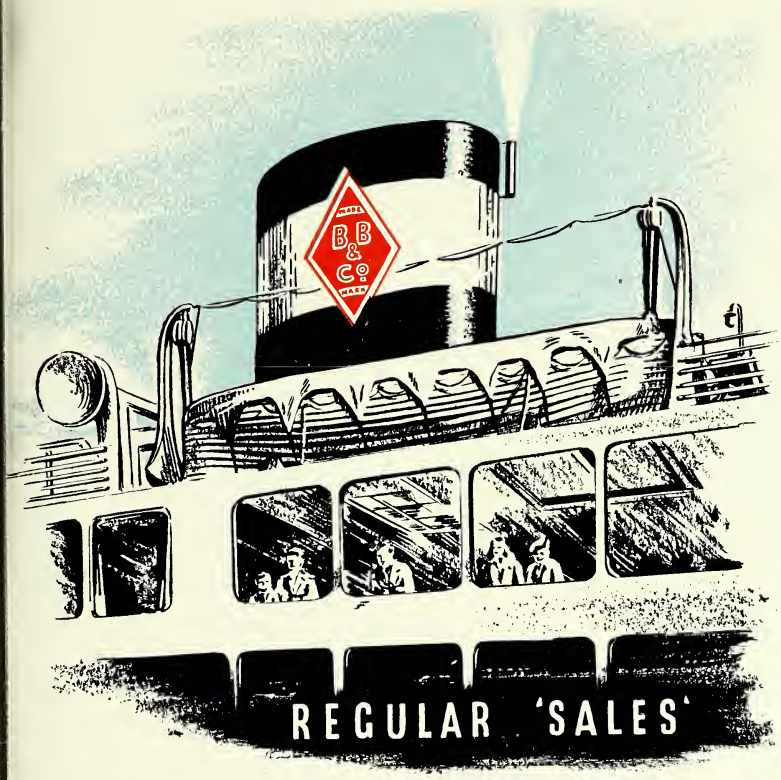
The
CHEMIST AND DRUGGIST
RETAILER — WHOLESALER — MANUFACTURER

AUGUST 20, 1949



FROM THE PACKED PHARMACEUTICALS OF

BURGOYNE BURBIDGES
Established 1741. & COMPANY LIMITED, **LONDON. E.6**

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B&Co.
LTD.

Amongst the wide range of products which we handle, we are particularly well placed to supply the following :—

ASPARAGIN

DIGITOXIN

DIGOXIN

FOLIC ACID

ATROPINE - SULPHATE and METHYL NITRATE

THEOPHYLLINE ETHYLENE DIAMINE

SEX HORMONES, Natural and Synthetic

DL. METHIONINE

L CYSTINE

LIQUORICE-JUICE, solid, extract and powder

CASCARA SAGRADA, Extract, gran. and liq.

VALENCIA SAFFRON

CHLORAL HYDRATE

P.A.S. and SODIUM SALT FOR EXPORT in 250 gramme aluminium containers

BIDDLE, SAWYER & CO. LTD

4 GRAFTON STREET, LONDON, W.1

Telephone : REGent 0521 Telegrams: "BIDSAWYA, PICCY, LONDON"
Cables : BIDSAWYA, LONDON

the day your customer weighs 15 lbs

When baby weighs 15 lbs., he is ready for Farex. This is the message mothers are now reading in all the principal women's magazines. Big Farex advertisements—the first to appear for this solidly established product—are going to stimulate still bigger Farex sales.

Remember that Farex contains not one but *three* cereals. It has added tonic minerals and vitamin D. It can be given literally any flavouring desired. And Farex needs no cooking —a feature that every busy mother appreciates.

To help you take full advantage of the increased demand for Farex we have prepared a special nine-colour showcard. An attractive Farex "crowner" is also available. Both will gladly be sent to you on request.

Please tell any mother who would like a copy of the informative 16-page booklet, "The Farex Guide to Weaning", to send us her name and address, enclosing a 1d. stamp. And if you would like a copy for yourself, please ask.

GLAXO

FAREX

Ready-cooked 3-cereal food

In 10 oz. cartons 1/-

For extra profit order Standard Parcel 2 doz. × 10 oz., 18/- net.

GLAXO LABORATORIES LTD., 985B GREENFORD RD., GREENFORD MIDDLESEX

Five reasons why

TAKAZYMA

P.A.T.A. *Lozenges*

will please your customer

1 'Takazyma' Lozenges combine, in a convenient and palatable form, the potent starch-liquefying enzyme, Taka-Diastase, with *insoluble* antacids and aromatics.

2 They assist in rapid digestion of starchy food, and relieve gastric discomfort.

3 Taka-Diastase is remarkably efficient in its amylolytic action; it is capable of liquefying 300 times its own weight of potato-starch in 10 minutes.

4 'Takazyma' Lozenges relieve hyperacidity leaving no residual soluble alkali, thus avoiding the risk of alkalosis.

5 'Takazyma' Lozenges possess, in a convenient form, the same properties as 'Takazyma' Powder.

Minimum Retail Prices (Inc. P.T.) :—Bottles of 30 *lozenges:* 2/6*d.* 100*:* 6/7½*d.*

SEND FOR BONUS TERMS

Parke, Davis & Company

HOUNSLOW, MIDDLESEX

Telephone: HOUnslow 2361

Inc. U.S.A., Liability L

STRONGER!

The vitamin content of Crookes Halibut Oil capsules has now been increased although the price remains unchanged.

IT has become possible to increase, by as much as one-third, the vitamin content of Crookes Halibut Oil Capsules. Each capsule now contains 6,000 International Units of 'protective' vitamin A and 600 of 'sunshine' vitamin D. The label on each pack states a guaranteed potency. Old stocks should continue to be supplied to the public until the 15th September, when our new public advertising campaign begins. As from the 15th September we will take back from retailers and wholesalers stocks of old potency capsules and replace with the new. Note: Only the capsules are of increased potency—the plain oil remains as before. Further details, bonus terms, etc., will be mailed to all retailers on the 1st September.

CROOKES

HALIBUT OIL CAPSULES

THE CROOKES LABORATORIES LIMITED · PARK ROYAL · LONDON · N.W.10

THE CHOICE OF DISCRIMINATING WOMEN IN THIRTY DIFFERENT COUNTRIES

A NEW CONTRACEPTIVE

★ The result of prolonged biological and clinical research Rendell-Foam sets a new standard in the technique of contraception and will be widely prescribed when conception control is either necessary or desirable.

RENDELL-FOAM

★ Rendell-Foam is completely spermicidal and remarkably rapid in action. It is non-irritant, free from any objectionable odour, non-greasy and free from all insoluble substances.

★ It will keep indefinitely and is not affected by climatic conditions.

OTHER RENDELL PRODUCTS

RENDELLS

The World's Most Famous Contraceptive

SANTRON

The Modern Germicide

SANTRON CONCENTRATE

Health Service in a Tube

MENSINOLE

For Period Pains

Rendells PRODUCTS *for* FEMININE HYGIEN

W. J. RENDELL LTD., Manufacturing Chemists, 161-5 Rosebery Avenue, London, E.C.1. En

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MEDICATED CALAMINE

Esoban Cream of Calamine is preferred by the medical profession for its soothing action in irritant skin conditions. In addition to the standard quality it is available in medicated form containing Ichthyol 2% or Crude Coal Tar 2% for specially treating the eczemas, and with Benzyl Benzoate 25% for scabies.

oz. bottle
/9 inc. tax

ESõBAN *Cream* OF CALAMINE

33⅓% *DISCOUNT* · *THROUGH YOUR C. F. WHOLESALER*

HE SPECIAL BONUS OFFER WILL BE WITHDRAWN ON SEPTEMBER 17th

ECIAL BONUS OFFER

13 to the dozen for orders of 3 dozen.
14 to the dozen for orders of 6 dozen and over.

THON LABORATORIES LTD · UPPER RICHMOND ROAD · LONDON, S.W.15 P.A.T.A.

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SPECIAL OFFER OF EYESHADES

Fig. 167

Fine quality non-inflammable material.
Supplied in PINK and GREEN. To fit
Right, Left or either Eye.

EACH PACKED IN CARTON 3/3 PER DOZ.

Fig. 172

COCKLE SHAPE

Beautifully made and finished in BLACK RAYON
Green Lined. Right, Left or either Eye.

EXCEPTIONAL VALUE 6/9 PER DOZ.

ACTUAL MAKERS **M. J. FECHER LTD.**

Est. 1891 **121 HIGH STREET, SLOUGH, BUCKS.** Phone: SLOUGH 2186

DISPLAY *sells more—and* MORE !

Send for New display material for

PHENSIC
CASSELL'S
VENO'S
GERMOLENE
GERMOLOIDS

These profitable family favourites sell more quickly over the nter when they are displayed for all to see. Seeing is buying! Showmans simplifies salesmanship! So please let us keep you right up-to-date with dlay material. Write today for a full set. DIRECT terms for the VENO pducts are: Combined orders amounting to £3 and upwards from qualified Cemists will be subject to 10% for display co-operation in addition to our usual 2% discount for monthly account.

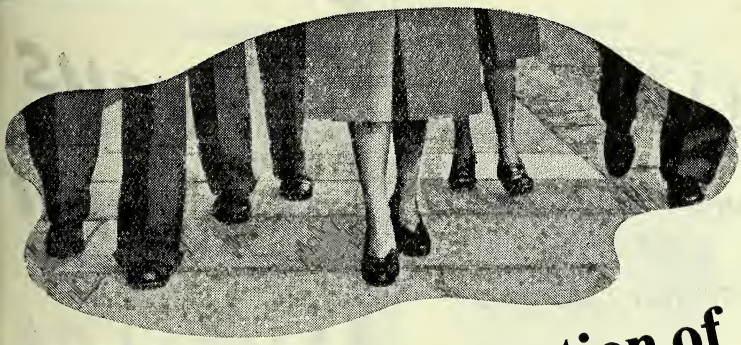
VNO DRUG CO. LTD. ST. HELENS, LANCASHIRE

COX OF BRIGHTON

PILLS & TABLETS

IN BULK OR
PACKED
STANDARD OR
SPECIAL FORMULÆ

ARTHUR H. COX & Co., Ltd. BRIGHTON, 7



They need the protection of

MYCIL

TRADE MARK

Wherever lies the danger of tinea pedis and other fungal infections of the feet there is the need for Mycil, the B.D.H. fungicide.

It is highly satisfactory both in prophylaxis and treatment. Mycil is odourless; it is also non-mercurial and may therefore be used freely without danger of toxic reactions.

	TRADE (Excl. Tax)	RETAIL (Incl. Tax)
MYCIL OINTMENT	1/6	2/9
MYCIL DUSTING POWDER	1/6	2/9

THE BRITISH DRUG HOUSES LTD. LONDON N.1

MYC/T/6

GLANOID

Capsules Vitaminorum
N.F. 1949

57/- per 1,000 Nett

Capsules
Vitaminorum A et D

32/6 per 1,000 Nett

Capsules Olei Hippoglossi

32/6 per 1,000 Nett

We are pleased to quote special prices for bulk packings.

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Ample Supplies Available

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Write to:-

THE
Armour Laboratories
(ARMOUR AND COMPANY LTD.)
LINDSEY STREET · LONDON · E.C.1

Telephone: Clerkenwell 9011
Telegrams: "Armosata-Phone," London

Always popular

There's no chance of Andre
being pushed into the background
not-quite-so-good imitations. Y
know when you put Andrews on yo
counter that it has the goodwill
the public and will always sell. I
popular because

**Its formula is ideal—an
unique.**

**Reaches the user in perfe
condition.**

Nationally advertised.

So stock up well with

ANDREWS

FOR

Inner Cleanlines

MAW OF BARNET

Special Display Discount Offer

meritor

D.D.T.

ANTIMOTH

Biggest Value

in

MOTH RINGS

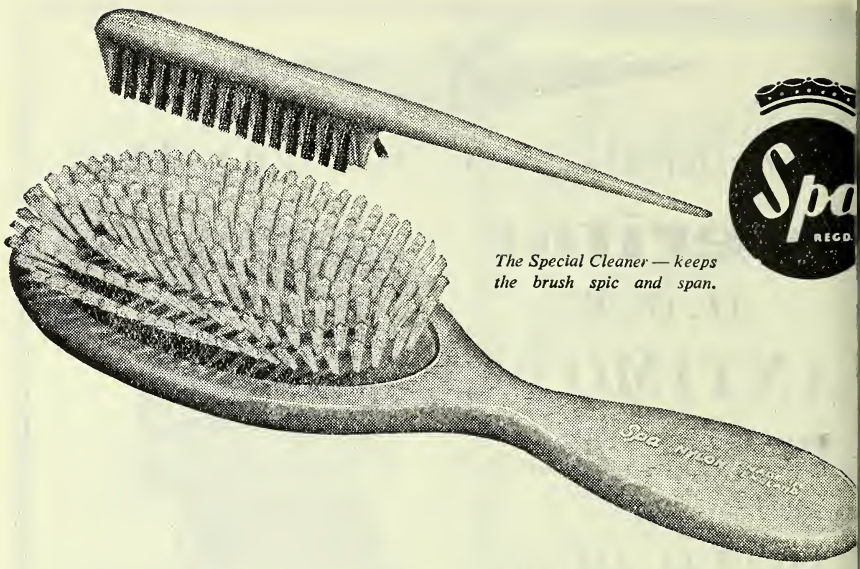
- 8 GIANT WHITE RINGS IN A PACKET
- IMPREGNATED WITH D.D.T.
- SMART COLOURED TRANSPARENT WRAPPINGS PRINTED IN GOLD
- COMPACT SALES UNIT *FREE* WITH ORDERS FOR 2 DOZEN PACKETS

Special Display Discount Offer :—

Less than 6 Doz.	Price 6/-	Doz.	Less 5%
6 Doz. Lots	,, 5/10	,,	Less 10%
12 Doz. Lots	,, 5/8	,,	Less 15%—Retail 9d.

Profit on Cost — **57% on Smalls to 87% on reasonable Quantities**

S. MAW SON & SONS LTD. BARNET, HERTS.



The Special Cleaner — keeps the brush spic and span.

The Spa Rubber Cushion Hairbrush and Special Cleaner

- Firmly-fixed pneumatic cushion
- Finest-quality Nylon tufts graduated for maximum penetration
- Available in Plastic (5 assorted pastel shades) or wood backs (satinwood finish)
- Packed in transparent container complete with Special Cleaner
- The Cleaner combs loose hair and dust from the pad and brushes them away
- Behind this new line are 40 years of SPA experience and craftsmanship

Retail
WOOD 11/6
PLASTIC 13/6

MADE BY

SPA BRUSHES LTD.

FREEMAN WORKS, CHESHAM, BUCKS

Richard Daniel & Son LTD

PROPRIETARIES
SUNDRIES DRUGS
TABLETS & PILLS

FOR CHEMISTS

Manufacturing Chemists

Office & Works Mansfield Road Derby Telephone 4266 (4 lines) Branch Warehouse Grosvenor St. Ashton-under-Lyne Telephone 2816 (2 lines)

LEASE MARK
OUR ORDERS

One Hole
OR 3-Hole
PERFORATION

It does not appear to be generally known that the "MODERN" Teat, now being sold in ever increasing numbers, is available both in 1-hole and 3-hole perforation. The mother's choice is dictated by the individual needs of Baby and it is well worth while to have both varieties in stock.

In an attractive, transparent pack, the "MODERN" Teat is backed by consistent National advertising. (From your regular wholesaler).

RETAILERS! Send now for a supply of the new "MODERN" Weight Card and sales-promoting showcards direct to the manufacturers of the

"MODERN" ANTI-COLIC TEAT

R RUBBER MANUFACTURERS LTD. (Dept 17y) 5A WELBOURNE RD., TOTTENHAM, LONDON, N.17

BRYLCREEM

BRYLFOAM · BRYLSHAVE · NICOTA

HILTONE · ROWLAND'S MACASSAR OIL

WINDOW-DISPLAY COMPETITION

Your shop window can win you £100! Here is yo chance to show your skill in displaying Brylcreem—t world's biggest-selling hair dressing—and other universa popular County products. By making a bold, origi window display, you stand to win £100 or one of t other attractive cash prizes. Not only that, you will st up your sales and increase your profits. Write for fr attractive display material which will help you make yo window a study in selling-power — an arresting appeal every passer-by to enter your shop and become a custom Bigger-than-ever-advertising is backing you up, influenci millions of people to use Brylcreem and other fast-selli County products.

EARN A 10% BONUS, TOO!

You can stock up at special prices, too. All orders of £10 or mo qualify you for a 10% display bonus. Orders of £6 or over earn y a 5% display bonus. Yes, this is certainly *your* opportunity—o you must not miss—to make bigger profits, quicker turnovers, and put your name on a £100 cheque into the bargain!

Note:—The qualifying amounts of £10 and £6 are for the value the goods only and exclude purchase tax.

★ 1st PRIZE... £100
★ 2nd PRIZE.. £50
★ 3rd PRIZE.. £25
★ 20 PRIZES of £5

our shop window can show a profit of £100 or more

RYLCREEM
largest-selling
-dressing.

RYLFOAM
largest-selling
am shampoo.

RYLSHAVE
perfected shave.

COTA
Smokers'
hpaste.

LTONE
largest-selling
-bleach.

OWLAND'S ACASSAR OIL
ous for 150 years.

HOW TO ENTER. 1. Dress your window and have the display photographed not less than ½ plate size. 2. Write your name and full address on the back of the photograph in BLOCK CAPITALS stating whether CHEMIST or HAIRDRESSER, date when photograph was taken and period during which display appeared in your window. 3. All photographs must reach County Perfumery Co. Ltd., Honeypot Lane, Stanmore, Middlesex, before October 5th, 1949. No entries received after this date will be considered. 4. No limit to number of displays or photographs which may be entered in this competition.

CONDITIONS (Abridged)—Full details on request. 1. The window display must consist exclusively of Brylcreem and other County Perfumery Company's products—Brylfoam, Brylshave, Nicota, Rowland's Macassar Oil & Hiltone. 2. Each display must remain in the window for at least 14 days during the period 1st to 30th September. 3. All photographs and rights of reproduction of same become the property of County Perfumery Company, who reserve the rights to see and use any negative on request. 4. No correspondence can be entered into in connection with this competition and we accept no responsibility for non-receipt of photographs. 5. The judges are N. F. Fabricius, Esq., Vice-Chairman of County Perfumery Co. Ltd., Arthur J. Symes, Esq., F.R.S.A., Editor "Display Design & Presentation", and Geo. S. Royds, Esq., F.I.P.A., Chairman G. S. Royds Ltd., and their decisions and awards are finally and legally binding. 6. No more than one prize will be awarded to any one individual.

LAST DATE FOR ENTRIES: OCTOBER 5th

COUNTY PERFUMERY CO. LTD., Honeypot Lane, Stanmore, Middlesex.

T.9

NOT A FANCY PRIC

but an economical, realistic pric in line with to-day's buying trend

SELLS AT 9D with generous Trade Discounts

The sensational success of the NEW STA-SET "MAGICURL" all over England, Scotland & Wales meant that for the first few weeks it had to be rationed out amongst our retailer friends. Sorry, but this was done as fairly as possible.

Now . . . . with increase of staff . . . . new faster machines . . . . quicker despatch methods . . . . reasonable quantities are available to ALL.

ORDER this super-speed selling line to-day . . . . Retail price 9d. only—a **"winner" for the mass market** (nearly 18,000,000 women over 16 years of age)

LARGE ADS. NOW IN NEWS OF THE WORLD, SUNDAY PICTORIAL DAILY MIRROR, PICTURE POST ILLUSTRATED, WOMAN, WOMAN'S OWN WOMAN'S WEEKLY... OVER 22,000,000 CIRCULATION

ORDER STA-SET "MAGICURL" TO-DAY

NEW STA-SET "MAGICURL" is made and guaranteed by the makers of the world-famous Sta-blond & Brunitex "Make-up" Shampoos, and backed by 25 years experience in beauty preparations all over the world.

FROM THE U.K. DISTRIBUTORS:

J. C. GAMBLES & CO. LTD.

209/215, BLACKFRIARS RD., LONDON, S.E.1.

HENOVIS' *brand*
HENOTHIAZINE

Originally prepared in Great Britain in the research laboratories of I.C.I., 'Phenovis' is now established as the best anthelmintic for sheep and cattle.

It is most conveniently given as a drench, made by mixing 'Phenovis' dispersible powder with water.

Packings:

Cartons of 30 grammes—Tins of 1 lb. and 7 lb.

A 'Phenovis' dosing table, literature and further information available on request from your nearest I.C.I. office:—London, Bristol, Manchester, Glasgow, Edinburgh, Belfast and Birmingham.

ICI

PERIAL CHEMICAL [PHARMACEUTICALS] LTD.

(*A subsidiary company of Imperial Chemical Industries Ltd.*)

MANCHESTER

Ph.257

B

Silvikrin stag

Silvikrin Shampoo was last year's star seller. Sale into millions of shampoos and demand so far stripped supply that many orders had to be returne 'Sorry, no Shampoo'. To bridge the gap and m still wider demand Silvikrin now stages a N SOAPLESS SHAMPOO . .

SILVIKR

Sole Selling Agents : Prichard & Constance (Manufacturing)

ew product

Silvikrin's newest profit maker. A SOAPLESS ampoo, sufficient for 2 shampoos and in- onderful new 'radiant rinse'. Retail price 6d. dy to take your orders now, but *please* do more than one gross at a time for the first until production is in full swing.

RATORIES LTD.

rcular Road, London, N.W.10. *Phone* : ELGar 8095

For over 60 years
Gibbs Superfatted Cold Cream Soap
has been valued for its
***skin beauty** care . . .*

Now
with the addition of LIRIL to this beauty soap

Astral GIBBS CREAM SOAP opens a new chapter in the care of *SKIN SUPPLENESS*

- Only Astral contains Liril*
- Backed by striking national advertising
- Attractive profit margins
- Elegantly wrapped
- Supplies ready to meet your demand

* Liril is the proprietary name o a newly-perfected brand of in gredient blending 3 elements o special value to the skin.

Tell your Gibbs Cold Cream Soap customers abo this new development in their favourite toilet soa

D. & W. GIBBS LIMITED

AGT 1 1062-100

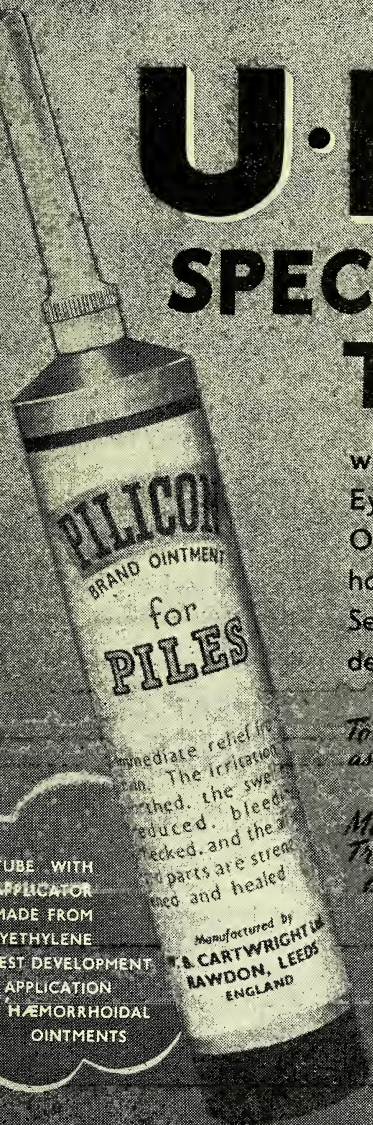
U·M·P

SPECIALISED TUBES

with elongated nozzle for Eye Ointments, Nasal Ointments and Haemorrhoidal Ointments; also Sescot tubes with Hypodermic needle attached.

To fill Collapsible Tubes, please ask for U.M.P. Tube Filling Unit Leaflet

Moulders of Plastics to the Trade by injection and compression methods



TUBE WITH APPLICATOR MADE FROM POLYETHYLENE
THE LATEST DEVELOPMENT IN THE APPLICATION OF HÆMORRHOIDAL OINTMENTS

U·M·P

THE SIGN OF SERVICE AND CO-OPERATION

UNIVERSAL METAL PRODUCTS LTD.
ALFORD 6 LANCS. *Telephone:* PENDLETON 1631-2-3
LONDON OFFICE: ARGYLE HOUSE, 29/31, EUSTON ROAD, N.W.1.

An Ideal GIFT LINE!

Behind the "Allure" Perfume Hairbrush is the heavy and sustained advertising at home and abroad which for years has been building up to the present time when we can fulfil all your orders.

The "Allure" Perfume Hairbrush is advertised by Showcards on all London Underground trains on which 650,000,000 passengers travel yearly.

Give these brushes prominent display and always show one brush apart as this calls attention to the fact that it is not an ordinary brush.

ATTRACTIVE ADVERTISEMENTS APPEAR REGULARLY in the NATIONAL PRESS

OWING TO IMPROVED PRODUCTION COSTS

NOW RETAIL **39/6** Inc. Pur. Tax

"Allure" Perfume Essence

Much more lasting than ordinary perfume

NEW REDUCED PRICE **4/6** RETAIL Inc. Pur. Tax

BY APPOINTMENT BRUSHMAKERS G. B. KENT & SONS LTD., 24 OLD BOND ST., LONDON, W.1
Telephone: Regent 1471/2/3. Telegrams: Tricho, Piccy, London

EXPERT GUIDANCE I
TRUSS FITTIN

Under the National Health Service th appliances can be ordered on EC10 forms.

Pharmacists should be fully acquainted w the practical details involved in the supply and fitting of them.

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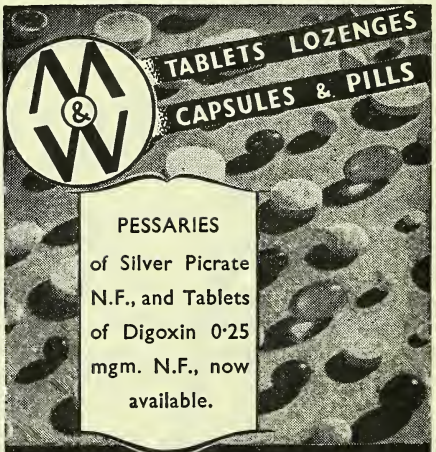

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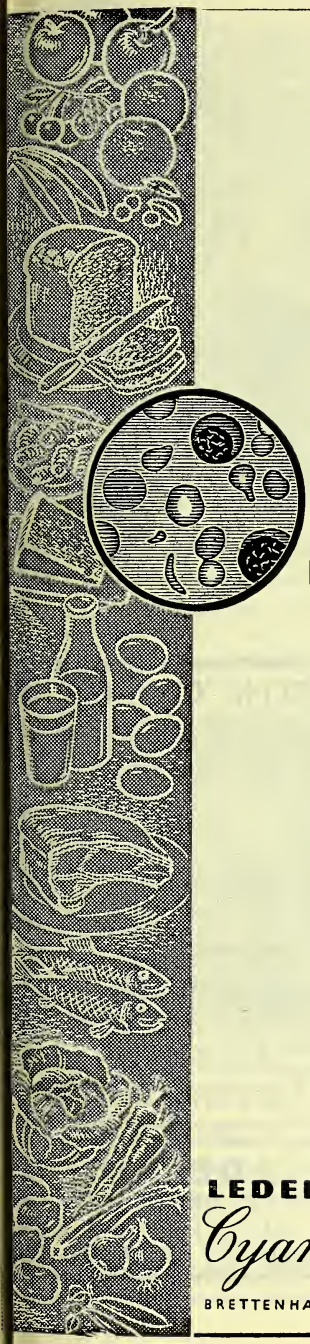

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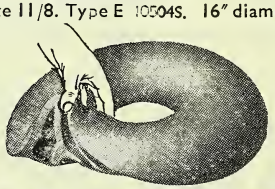

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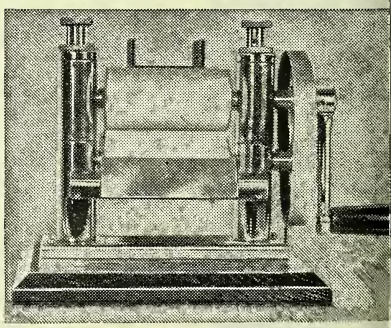

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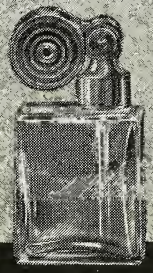

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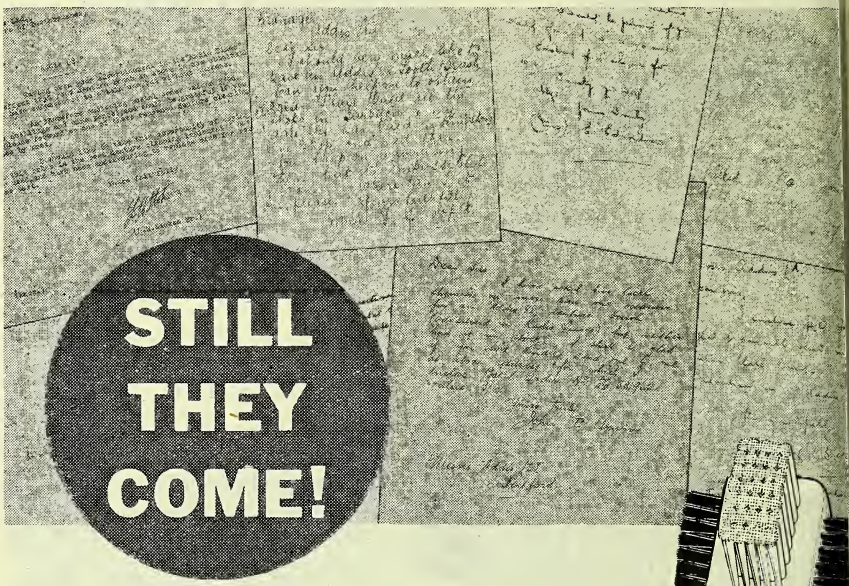

ALMOST every week we get a batch of letters from customers who cannot obtain the Addis '88' denture brush from their chemists. This shows that Addis '88' advertising in the Radio Times and News of the World is doing a pretty good job; but it also means that there are still some chemists who are not getting their share of the sales. The Addis '88' denture brush is supplied in dozens in an attractive display container together with a miniature showcard (with actual brush attached)—price 23/4 a dozen (plus P.T.) to sell at 3/6 each (incl. 33⅓% P.T.)

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harmacists have learnt to tame the vegetable urgatives, known in other centuries for heir vigour. They have combined very small oses of several, so that adequate laxative ction is obtained without causing irritation. gentle natural action and sustained intestinal one are finally ensured by adding a mild ntispasmodic and a carminative.

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Each sugar-coated product contains :—

Compound Extract of Colocynth, B.P. 1914	gr. 1
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Bottle of 25.....1s. 0d. plus 3d. tax

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'Tabloid' BRAND Laxative Vegetable

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CHEMIST AND DRUGGIST

for RETAILER—WHOLESALER—MANUFACTURER

AUGUST 20, 1949

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No. 3626 Volume CLII

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NEWS OF THE WEEK

ncrease in Poliomyelitis.—Notifications oliomyelitis in England and Wales in week ended August 6 totalled 164, pared with 147 in the week before.

.B.I. and the Economic Crisis.—a statement issued to its members, the eration of British Industries draws at-ion to the danger of the present dollar tage. The Federation states "we are living beyond our means" and claims "the vast and menacing increase in e expenditure constitutes the basic in-onary influence in our economy."

nsecticide Manufacturers' Association. he following officers of the Association British Insecticide Manufacturers have n appointed for 1949:—*Chairman,* Dr. R. Booer (F. W. Berk & Co., Ltd.); *e-chairman,* Dr. E. Holmes (Plant Pro-on, Ltd.); *Treasurer,* Mr. N. K. th (Murphy Chemical Co., Ltd.); *etary,* Mr W. A. Williams, M.B.E., Piccadilly, London, W.1.

cientific Films Congress.—The Third rnational Scientific Film Congress will be held in Brussels from September 30 to October 5. The Scientific Film Association of Great Britain is considering films to be submitted as the British entry in the film festival which is being held in conjunction with the Congress and would appreciate information regarding privately-produced films suitable for inclusion. Details should be sent to 4 Great Russell Street, London.

Repeat Prescriptions Under N.H.S.—The Ministry of Health have issued a notice (E.C.N. 26) which explains a new arrangement whereby doctors can give at one time, two or more prescriptions for the same medicine (see *C. & D.,* August 6, p. 162). Carbon copies of prescriptions can be accepted by chemists but they must bear original signatures, duplicate or carbon copy signatures will not be in order. The prohibition of "Rep. Mist." continues. Poisons Rules and Dangerous Drug Regulations must be observed in respect of each copy of the prescription and no prescription can be dispensed before the date indicated by the doctor.

Gift to Orthopædic Centre. — Lord Nuffield has given £50,000 to the Nuffield Orthopædic Centre, Oxford.

Fats for Diabetics.—The Ministry of Food states that diabetic patients are now entitled to 10 oz. butter, 10 oz. margarine, and 2 oz. cooking fat per week.

Chemicals for Brazil.—The programme of exports from the United Kingdom to Brazil, resulting from a new trade agreement, includes chemicals. A White Paper is to be published shortly and will include trade schedules. It is understood that chemicals, dyestuffs, etc., exported to Brazil, will have a total value of £2,000,000.

More British Goods for Italy.—Pharmaceutical preparations, prepared drugs, insecticides and industrial chemicals are included in the manufactured goods which Italy will take in greater quantity as a result of recent decisions of the Anglo-Italian Joint Economic Committee. The Italian Government is also to issue import licences for oxides and salts of nickel and cobalt.

Purchasing Officers' Conference.—The Purchasing Officers' Association held recently at Manchester a conference of the secretaries of its twenty-four branches and groups. The conference was followed by a dinner, given by the council of the Association, at which the principal guest was Mr. E. A. Carpenter (president, Manchester Chamber of Commerce, and a member, Dollar Exports Board).

Census of Production for 1949.—The Board of Trade announces that forms for completion under the census of 1949 production will be issued to all firms concerned on January 1, 1950. Particulars required will be less detailed than for 1948. Sales of goods made, or of materials purchased, for example, will not be required. The interim index of industrial production for chemicals and allied trades, for April, is 123 (average 1946=100), compared with 124 for the first quarter of 1949.

N.H.S. Superannuation Regulations.—The Ministry of Health issued on July 29 The National Health Service (Superannuation) (Amendment) Regulations, 1949, with a view to securing the intention of the principle regulations and removing anomalies. Additional benefits are also provided for officers who are subject to the regulations, and their widows. These are amongst a number of provisions made in the Order (S.I. 1949 No. 1467) c of which can be obtained from Stationery Office, Kingsway, Lon W.C.2, price 6d.

Research Scholarships Awards.— awards of the Pharmaceutical Soci Research Scholarships for 1949 have made as follows:—The Pharmaceu Society Scholarship, Mr. B. K. Ma B.Pharm. (at Nottingham University). Ransom Fellowship, Mr. R. A. W B.Pharm., B.Sc. Hons. (special chemis at the School of Pharmacy, Universit London. The following scholarship aw have also been made:—The Jacob Memorial scholarship to Betty Higl The first and second Leverhulme Sch ships to Kathleen M. Boddy, and Au T. Thompson, respectively.

Return of Medicine Bottles.—As of a publicity scheme encouraging Nati Health Service patients to return medicine bottles, clean, to their che (after September 1, when chemists wil ceive only 1¼d. container fee), the M try of Health is supplying to chem through local Executive Councils, dis cards (black on white) inviting p co-operation. Two cards are to sent to each pharmacy, and drug s and reserve stocks will be held to rep cards damaged in transit, etc. The tex the card is as follows:—

"Please return all medicine bottles pro and in a clean condition. By so doing yo assisting the smooth working of the National H Service and are helping to keep down its We are not authorised to make any paymen returned bottles."

Other ways in which public attentio being drawn to the need for patient return their bottles, the Ministry states, by special labels to this effect put chemists on the medicine bottles, and similar reminder on prescription fo The Ministry estimates that the sch will save £800,000 on the cost of Service.

Records of Animal Experiments.— Return of Experiments on Living Ani during 1948, recently published by H Stationery Office, shows that a total 1,530,417 experiments were perfor The number of experiments performed der anæsthesia throughout totalled 11, while 121,396 minor operative proced were carried out under anæsthetics f the influence of which the animals w allowed to recover. The number of exp ments performed without anæsthetics 1,397,596 (90 per cent. of all those m

ng the year). These experiments were tly inoculations, modifications of the nal's diet or environment, or the ad- istration of a drug or toxin followed ach case by observation of the results. many cases, the Return states, the re- are negative and the animal suffers narmful effects). Of the 1,012 experi- ts made upon dogs without the use of sthetics, some 60 per cent. were per- ed in the testing and standardisation ubstances for use in the treatment of ne diseases. 56,585 experiments were ucted in the course of cancer investi- ons; 178,331 experiments on behalf number of Government Departments bodies such as the Medical and Agri- ral Research Councils; and upwards 84,000 experiments in the course of ng and testing medicinal preparations uding 549,556 experiments in the stan- isation of sera, vaccines and drugs). ectors paid 850 visits to registered lab- ries, generally without previous e. The animals were found to be tably housed and well cared for," and sees "generally attentive to the re- ments of the Act and to the condi- attached to their licences by the tary of State." Three irregularities reported during the year.

LOCAL NEWS

rug Trade Cricket.—Teams represeting ord Allen & Sons, Ltd., and William om & Son, Ltd., met on the latter's nd at Wymondley on August 6. The rs scored 103 (R. K. Allan 39) against ns scored by Ransoms, thus winning runs.

emicals in Everyday Life.—An exhi- , entitled "Meet Monsanto," de- d to show the importance of chemi- in everyday life was opened by Sir am Jones, J.P., at Cefn Mawr on st 9. The township is adjacent to the on works of Monsanto Chemicals, Ltd.

est Somerset Officers.—At the An- meeting of the West Somerset Phar- t Association held recently at ton, the following officers were ed:—*Chairman,* Mr. W. H. Adcock; *urer,* Mr. F. W. Bishop; *Secretary,* S. C. Field, Quantock Lodge, Mount- Bishops Hall, Taunton.

enbigh and Flint Officers.—At a t meeting of the Denbighshire and shire Pharmaceutical Committee the ving officers were elected:—*Chair- man,* Mr Gomer M. James, Rhyl; *Vice-chairman,* Mr. R. Owen, Wrexham; *Treasurer,* Mr. R. E. Thomas, Mold; *Secretary,* Mr. Frank Elles, Wrexham.

Surrey County Council Welfare Service. — The Surrey Pharmaceutical Committee reports that its negotiations with the Surrey County Council have resulted in the inception of an additional dispensing service intended to meet the needs of clinics and welfare centres. Representation has been secured on eleven of the hospital management committees.

Chemists' Golf Matches.—In a competition played recently by Edinburgh Chemists' Golf Club at Ratho Park, winners were as follows:—"4711" prizes: 1. A. E. Graham (10), 64; 2. R. F. Muir (7), 67; Club prizes: 1. (a tie), J. B. Grosset (16), and W. A. M. Hourston (22), 69; best scratch score, J. B. M'Caig and J. Finlay, 72. In a foursomes match the Club beat J. F. Macfarlan & Co., by $2\frac{1}{2}$ to $1\frac{1}{2}$ games.

Staff Social.—A feature of the annual staff social of The Crookes Laboratories, Ltd., Park Royal, London, N.W.10, which was held recently at Wembley Town Hall and attended by about 800 members of the staff and their friends, was the presentation of gold watches on behalf of the directors to the following members of the staff who have completed twenty-five years in the service of the company: Messrs. H. F. Horne, G. E. Watson, C. H. Butler, H. Restieaux, S. C. Honeyball and J. W. Bishop.

IRISH NEWS

Chemists' Golf.—The Irish Chemists' Golfing Society visiting Mullingar, co. Westmeath, on August 7 were welcomed at the Golf Club by the club captain, Mr. J. Kevin Whelehan (a former President of the Pharmaceutical Society). Winners of trophies presented by P. C. Cahill & Co., Ltd., and Irish Pharmaceuticals Ltd., were:—M. Collins (24), 79; T. J. Lynch (6) 79. Bogey competition, J. Hegarty (15), 3 down; M. L. Cashman (11), 7 down. Mr. J. Smyth (captain of the Golfing Society) presided over a supper at which the prizes were presented by Mr. P. C. Cahill. A vote of thanks to the donors was proposed by Mr. Collins, and seconded by Mr. T. J. Lynch. Next fixture on the Society's list is at Elm Park Club, Dublin, on September 14, for the Kodak prizes.

NEW COMPANIES

Fidelis Surgical Appliances, Ltd. (P.C.)—Capital £500. To carry on the business of manufacturers of and dealers in surgical and orthopædic appliances, etc. Leonard C. Cross and Lily F. Cross, directors. R.O.: 152 Hoe Street, London, E.17.

William J. Dickie (Hindley), Ltd. (P.C.).—Capital £1,000. To carry on the business of wholesale or retail chemists and druggists, opticians, etc. William J. Dickie, M.P.S., and John Stringfellow, directors. R.O.: 93 Market Street, Hindley, Lancs.

A. B. Products (Bradford), Ltd. (P.C.).—Capital £5,000. To carry on the business of manufacturers, exporters and importers of, and dealers in, combs and fancy goods, chemists, druggists, etc. First directors are not named. Subscribers' address: 23 Sand Moor Drive, Leeds.

BUSINESS CHANGES

Mansten Medical Products, Ltd., have removed to 530 Chester Road, Manchester, 16.

P. Noel Black & Co., have removed to 220 Princes Avenue, London, N.W.9 (Telephone: Colindale 5601).

Mr. H. Tibbatts, representative in the East Midlands of Arthur H. Cox & Co., Ltd., Brighton, has removed to 154 Penns Lane, Sutton Coldfield, Birmingham.

Mr. Roderick L. Stephens, B.Pharm., B.Sc., Ph.C., F.R.I.C., has been appointed chief chemist to Wright Layman & Umney, Ltd., Southwark Street, London, S.E.1.

The Dock Pharmacy, 517 Govan Road, Glasgow, has been acquired by Miss I. D. Shaw, M.P.S. (a former partner). The title of the business will continue unchanged.

Mr. W. K. Westlake, M.P.S., and Mr. G. E. Vale, M.P.S., have acquired the branch business of Bellamy's Dispensing Chemists, 68 Abingdon Road, Oxford, and will trade under the name of Westlake & Vale.

Mr. A. E. Smeeton, formerly an export sales manager with Evans Medical Supplies, Ltd., is shortly leaving Britain for Brazil to take up an appointment with Productos Evans Soc. Anon. Mr. L. E. Schofield, B.Sc., has been appointed as his successor.

COMPANY NEWS

United Glass Bottle Manufac ers, Ltd.—An interim dividend has declared of 5 per cent. (same).

F. W. Hampshire & Co., Ltd. interim dividend is recommended o per cent. (same) on ordinary and A o ary shares. Subject to consent of Capital Issues Committee, the dire propose a bonus issue of two A ord shares for every ordinary share held.

Bush, Beach & Gent, Ltd.—The pany proposes to increase authorised tal from £20,000 to £50,000, an capitalise a part of the reserves by a b issue of 10,000 fully-paid £1 ord shares and 10,000 fully-paid £1, 5 cent., non-cumulative preference share is further proposed that one £1 ord share and one £1 preference shar allotted in respect of each £1 ord share held.

Beecham Group, Ltd.—Net profi the year ended March 31 amount £448,765 against £554,887, £444,977 (£410,612) is brought forw Dividends paid (less tax) as follow 10 per cent. cumulative preferred sh £110,000 (same); 5 per cent. redeem cumulative preference shares, nil (£8,2 4½ per cent. redeemable cumulative ference shares, £37,125 (£9,522); defe shares (interim dividends aggregating per cent.), £299,475 (same). The of £20,000 (£60,000) is transferred to reserve, and £2,060 (nil) to develop reserve. No final dividend is re mended on deferred shares, compared 4 per cent. (£33,275) in the previous The sum of £425,082 is carried forw In a statement accompanying the re the chairman, Sir J. Stanley Holmes, M says that sales of medicinal product the Group fell by 10 per cent. comp with the previous year, while sale toilet products showed a reduction o per cent. Uncertainty regarding Chancellor of the Exchequer's inten on the scale of purchase tax is held sponsible for a heavy fall in sales du the last three months of the compa financial year. A substantial increase occurred, however, since April 6. T was no evidence that the National He Service had had an adverse effect on company's trade. Interim dividends on ferred shares are to be paid at half-ye intervals. (A first interim dividend of per cent is declared on deferred shares

TOPICAL REFLECTIONS

erinary Congress

hough discussions at the recent Inter-onal Veterinary Congress were limited subjects relating to animals that pro-e food (pp. 223-25), your report is of t interest from more than one point view. An obvious consideration is the ual loss in foodstuffs for human beings. n without the help of statistics, most ple can realise that animal diseases ng the term in a wide sense) account serious dietary deficiencies in many s of the world. A further point arises n the suspected relationship between e animal diseases and corresponding ases in man. This matter is, no doubt, ady being studied. In the past, medi-men have sometimes dissociated nselves with unnecessary emphasis from nbers of the veterinary profession; but attitude can no longer be justified. We know the faculty attributed to the estic cat of importing a cold destined ffect every member of its household: ow looks as if influenza in pigs may be ly related to strains of influenza affect-their owners and other people. Such otheses are proper subjects for con-ed experiments. In these experiments co-operation of the veterinary surgeon, biologist, the pharmacologist and the rmacist should be enlisted. Team work lled for, so that the specialised know-e of each worker may be linked with of his nearest colleague.

.S. Rotas

he Executive of the National Pharma-ical Union has wisely decided to ask rmaceutical Committees to give attention rrangements for rotas, with special rence to next winter (p. 211). It is fair y that, so far, complaints of difficulty getting prescriptions dispensed when rmacies are closed have been few and between. If my experience of this er is a safe guide, cards containing rnative addresses are displayed in le numbers on doors and windows closing time. No one need suppose rotas are an innovation taking pro-tors of shops by surprise. A rota sys-on a small scale was in operation re the war of 1914-18. It will be re-bered that the Shops Act of 1912 gave l authorities power to fix hours for the ng of shops in their respective areas, that among the few kinds of businesses exempted from the scope of such orders was "the sale of medicines and medical and surgical appliances." In areas where the shopping habits of the public rendered general early closing impracticable, closing orders were not made as a rule till, during the war mentioned, air raids became possible or probable. Consequently, before the war, rotas related chiefly to Sundays, early-closing days and bank holidays. When, however, closing at 8 p.m. or earlier became compulsory, pharmaceutical committees took the question of rotas in hand with zeal and tact; and before long every National Health Insurance area had an arrangement for attendance in pharmacies after closing time. The advent of the present National Health Service gave these committees no very difficult problem to solve in this respect; and to the best of my belief the country is well served by the present rota system.

William Salmon's Library

William Salmon (1644-1713), whose "M.D." has never been satisfactorily explained, left at his death a library of several thousand volumes. These, together with some instruments, apparatus, "books of cuts in folio," prints and paintings, were sold by auction in London in November 1713 and March 1714. The catalogue of the first sale stated that it would begin "every Evening at Five of the Clock till the Sale is finished"; the time of commencement of the second sale was four o'clock. Both events took place at St. Paul's Coffee House, near the Cathedral. The books were classified by sizes and groups of subjects, and the English works were separated from the rest. Medicine and science were by no means the only departments of knowledge represented; numerous works on theology were also listed. Some of these volumes may have been gifts from patients. A few lots would now fetch considerable prices—e.g., an edition of William Harvey's "Exercitationes Anatomicæ de Motu Cordis et Sanguinis . . . ," Chapman's translation of Homer, Ashmole's "Theatrum Chemicum Britannicum." So far as I have noticed, there was very little poetry in the library. Milton was represented by a collection of his correspondence, and among familiar books were Locke's essay on human understanding and Fuller's Worthies of England. One wonders how many of his books Salmon found time to read.

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MARRIAGE

KING—JONES.—At Llanfairfechan, Carnarvons, on August 10, Peter Denis King to Delyth Mair Jones, M.P.S., daughter of Mr. Owen Jones, M.P.S., Hall Bank, Village Road, Llanfairfechan.

DEATHS

POWELL.—On July 25, Mr. Charles Walter Powell, 88 Vauxhall Bridge Road, London, S.W.1. Mr. Powell qualified as a chemist and druggist in 1900.

CLARKE.—On July 29, Mr. Peter Thomas Clarke, M.P.S., Station House, Durston, Taunton, Somerset, aged seventy-nine. Mr. Clarke qualified in 1896.

HODGE.—On August 8, Mr. John Hodge, M.P.S., 33A Stafford Road, Waddon, Croydon, Surrey, aged seventy-one. Mr. Hodge qualified in 1901.

JONES.—On June 29, Mr. Hugh Jones, Oakfield, Conway Road, Llandudno Junction, Conway, and formerly of Blaenau-Festiniog, Merioneths, aged eighty-one. Mr. Jones qualified as a chemist and druggist in 1891.

MAIN.—In East Africa, recently, following an operation, Mr. Andrew Chalmers Main, aged forty-seven. Mr. Main served his apprenticeship with the late Mr. A. Gilchrist, Huntly, Aberdeens, and qualified as a chemist and druggist in 1926. He had been in East Africa since 1928, where he was in business.

WELLS.—At Oldstock Hospital, Salisbury, Wilts, on August 15, after a long illness courageously borne, the result of war service, Mr. Frederick Howard Wells, M.P.S., aged thirty-one. Mr. Wells, who was the only son of Mr. and Mrs. F. G. Wells, 47 Greenford Avenue, Hanwell, London, W.7, qualified in 1939. He leaves a widow and three children.

WILLS

MR. G. THOM, M.P.S., Upper Richmond Road, East Sheen, London, S.W.14, left £1,063 (£990 net).

MR. A. HOWARD, retired pharmacist, Norman Avenue, Abingdon, Berks, left £3,540 (£3,512 net).

MR. A. L. FRIENDSHIP, M.P.S., 18 Albemarle Road, Bournemouth (a director of Bilson & Friendship, Ltd., chemists, Lansdowne Crescent, Bournemouth), left £5,074 (£3,696 net).

PERSONALITIES

MR. T. E. WALLIS, D.Sc., F.R.I.C. Ph.C., has been appointed emeritus curator of the Pharmaceutical Society museum.

MR. J. R. HEATHER, M.P.S., who has been elected chairman of the Reigate and Redhill Pharmacists' Association, is a director and pharmacist - in - charge of J. N. Sampson, Ltd., Redhill. Apprenticed with Boots, Ltd., at Brighton, he qualified from Brighton Technical College in 1931, gaining the silver medal awarded by the Hastings Association of Pharmacy. Afterwards, until joining his present company in 194 Mr. Heather served as a qualified assista and manager with Boots, Ltd., in Londo

MR. F. J. WILKINS, M.Sc., Ph.D., wl has recently been appointed executi director in charge of Glaxo Laboratories, Ltd., works at Barnard Castle and Ulverston (*C. & D.*, August 13, p. 204), was born at Cardiff and educated at the Universities of Cardiff, London and Cambridge. He took the degrees of B.Sc. (London) in 1924, M.Sc. (London), in 1927, and Ph.D. (Cambridge), in 1929. He joined Imperial Chemic Industries in 1933 and was seconded t the Ministry of Supply (Filling Factor Department) in 1941. In 1945 he wa appointed deputy chief superintendent o Armaments Research. Dr. Wilkins becam director of chemical research and develop ment, Ministry of Supply, in 1946, and i April 1948 was appointed principal direc tor of scientific research (defence) with re ponsibility for research divisions of th munitions section of the Ministry.

LEGAL REPORTS

Sale out of Hours.—At Marylebone, ondon, magistrates' court, recently, W. ill (Chemists), Ltd., 4 Westbourne Grove, ondon, W.2, were summoned for failing comply with the Shops Act 1912, in at a woman customer was served with tablet of soap at 3.15 p.m. on an early osing day. The managing director of the mpany told the magistrate that the mpany often got prescriptions for soap. ne tablet sold to the woman was of a per-fatted soap which might well be edically prescribed. The defendants were ied 20s.

Misleading Description.—At Beauaris, Anglesey, Frank Evans, the Manuctory, Festiniog, N. Wales, was summoned r an offence under the Food and Drugs t by selling a preparation known as orris Evans' Household Oil with the ble on the bottle calculated to be misiding. Prosecution said that the label ited that the product contained 94.5 r cent. pine oil. Three bottles, bought an inspector of the Anglesey County ouncil, were analysed and found to conin 10 per cent. pine oil, and 84 per cent. neral oil. Defendant, who denied using neral oil in the production, was fined 25 and costs.

Failure to Produce Documents.—Adtting having failed to comply with a tice to produce books, documents and counts for inspection by the Customs d Excise, Reginald Charles George icker, 92 Clapham Road, London, W.9, was recently fined £50 at Old reet, London, magistrates' court, and dered to pay £10 10s. costs, or in deilt sentenced to three months' imprisonent. He was allowed seven days to pay. osecuting counsel said that Tucker had ide himself liable to a fine of £100, plus penalty of £10 a day for each day his lure to comply continued. There had en compliance on June 16, and therefore e maximum penalty was £830. Tucker as a director of Maestro (Pharmaceutics), d., and proprietor of a business known Universal Pharmaceutical Products. The mpany was registered for purchase tax rposes and went into liquidation in pril or May 1949. Officers of the Dertment were investigating for the purase-tax liability of the company. On ne 16, 1949, defendant produced thirty voice books which in the previous Dember and January he had denied having. A police-inspector said that the defendant had had six previous convictions —three for criminal offences and three for other matters. For the defence it was contended that the past offences had nothing to do with the offence defendant now admitted. The difficulty had arisen through muddle, the company having gone into liquidation.

No Qualified Supervision.—At Old Street, London, magistrates' court on August 12, Mabyn & Co., Ltd., 1 King David Lane, London, E.1, were fined £5 on each of six summonses for selling Part 1 poisons not by or under the supervision of a registered pharmacist. On the first summons the company were ordered to pay three guineas costs. The proceedings were brought by the Pharmaceutical Society. Pleas of "Guilty" were entered to all the summonses. Mr. A. C. Castle, prosecuting, said that on June 10 an inspector of the Pharmaceutical Society entered the company's shop at 397 Cambridge Heath Road, and asked to see the manager. He was told by the unqualified assistant that the manager had gone away three days before, and the inspector was given to understand that he would not be returning from holiday until June 13. The inspector examined the records in the shop and saw twenty-five National Health Service prescriptions six of which were referred to in the summonses before the court. They had been dispensed by the unqualified assistant. Each of the prescriptions contained poisons such as codeine, phenobarbitone, ephedrine. The inspector then had a conversation on the telephone with the managing director of the company, who denied any knowledge of an unqualified person being in charge, and said that the company employed six chemists for five shops and always had a "spare" one. The defending counsel said that the manager was called away suddenly on June 7, on urgent family affairs. He got in touch, counsel thought, with the younger director of the company and was given leave of absence over the Thursday, which was early closing day, so that the only time he should have been absent was on the Thursday morning. It was untrue that he was away on holiday. The magistrate said: "The black spot of your submission is that your clients knew that this shop had been unattended on the Thursday morning."

TRADE NOTES

Offer of Eyeshades.—A special offer of eyeshades is made by M. J. Fecher, Ltd., 121 High Street, Slough, Bucks, this week.

Tax Exemption.—Menley & James, Ltd,. announce that Benzedrine inhalers supplied after September 1, will be exempt from Purchase Tax.

Beauty Soap.—Makers of toilet soaps for over sixty years, D. & W. Gibbs, Ltd., are now marketing Astral cream soap, details of which are given in this issue.

Digitalis Pulv. Supplies. — Stafford Allen & Sons, Ltd., Wharf Road, London, N.1, invite inquiries for their production of digitalis pulv., biologically assayed and adjusted.

Vitamin B_1 Tablets.—The name of the new product referred to in last week's issue (p. 208), introduced by Roche Products, Ltd., Welwyn Garden City, Herts, is Benerva and not as stated.

Table-model Infra-red Lamp.—The new EM24 dual-purpose infra-red and radian-heat apparatus illustrated is marketed by the London Commercial Electrical Stores Ltd., 20 Cursitor Street, London,

E.C.4, and is finished in cream enamel, with chromium-plated fittings, finger-tip adjustment, interchangeable burners (infra-red unit rated at 250 watts and radiant-heat at 400 watts, any voltage), and built-in double-pole switch. The weight is 9½ lb. The model is obtainable through factors or direct.

Extension to Factory.—View of par recent extensions to the factory of Jeffr Miller & Co., Ltd., Leyland Mills, Wig

The new wing shown consists of offi laboratories, sterilising and packing roo A substantial proportion of the out from the new plant is to meet exp orders.

Halibut Oil Capsules.—The vita content of Crookes' halibut oil caps has been increased while prices remain changed. Details of the maker's annour ment are given in this issue.

Price Reduction.—From Septembe the retail and wholesale prices of Spi A1 medicated toilet tissue are being duced by the manufacturers, Spicers, L 164 Union Street, London, S.E.1.

Showcard Available. — A three-col showcard is available to stockists of J pine disinfectant, from the makers, Je Sanitary Compounds Co., Ltd., Millbro Chigwell, Essex.

A Seasonal Product.—Genatosan, L Loughborough, remind retailers in th announcement this week that Travik brand of travel sickness tablets is be nationally advertised. This is a C.F. p duct.

Sick-room Equipment.—Dunlop R ber Co. Ltd., Rice Lane, Walton, Liv pool, 2, give details in this issue of th Dunlopillo latex ring cushion for under any part of the body of patients.

Fundamentals in Nutrition.—Lede Laboratories Division, Cyanamide P ducts, Ltd., Brettenham House, Lancas Place, London, W.C.2, give details in t issue of their product Folvron brand folic acid and iron.

Original Display Stand.—Among exhibitors at the Dublin Horse Sh held recently, were Hamilton Long & C Ltd., Dublin. A particular feature of

nd was a revolving display-stand show- perfumes.

Supplies of Booklet for Customers.—mestos Ltd., College Works, Newcastle-Tyne, advise retailers that supplies their booklet "How to make the most your Stergene" are available for dis- al over the counter.

Caffeine and Theobromine and Salts. Carnegie Chemicals (Welwyn), Ltd., win Road, Welwyn Garden City, Herts. offering caffeine, theobromine and phylline and their salts in their an- ncement this week.

Seasonal Bonus Offer. — Shell Chemi- , Ltd., 112 Strand, London, W.C.2, e distributed to retailers a folder giv- details of their bonus offer on orders ed not later than September 1 for their C winter wash for fruit trees.

General Chemicals and Essential Oils. Chas. Zimmermann & Co., Ltd., Dega rks, Walmgate Road, Perivale, Green- d, Middlesex, in their advertisement some of the chief chemicals, drugs essential oils they are able to supply. nples and prices available.

Withdrawal of Bonus Offer.—Southon oratories, Ltd., 88 Upper Richmond d, London, S.W.15, announce that r Esoban cream of calamine special us offer of 14 to the dozen for six n and 13 to the dozen for three dozen rs will be withdrawn on September 17.

A New Soapless Shampoo.—Silvikrin oratories, Ltd. (sole selling agents, hard & Constance (Manufacturing), , North Circular Road, London, V.10), announce details of their soapless npoo, Silvikrin, and ask retailers to t their orders for the time being to gross.

Chiropody Courses.—The Smae Insti- , Ltd., Leatherhead, wish to point out they do not train students for the minations of the Society of Chiropo- s (*C. & D.*, August 6, p. 184). The itute states it is assured that in the t of State recognition its graduates ld automatically be placed on the ister.

Egyptian Trade Marks Law. — A phlet entitled "Businessman's Guide he Egyptian Law on Trade Marks and de Descriptions" has been published Lysaght & Co., Patent and Trade ks Attorneys, P.O. Box 1795, Cairo, pt. Copies will be supplied free of cost upon application. Messrs. Lysaght have also prepared a pamphlet "Notes on the Industrial Property Laws (Patents and Trade Marks) of Iran."

Tax Free Dispensing Packs.—Reckitt & Sons, Hull, announce that the 5-gallon drum of Dettol and a new size which they are introducing, the 2-gallon tin, have been granted exemption from purchase tax under Class B of para. 4 of Notice 78N. Both these packs will be clearly marked in red letters with the words "For dispensing only. Contents to be supplied to the public on prescription only." They will be available from September 1st.

Extension of Premises.—Owing to expansion of business Scrubb & Co., Ltd., Wimbledon Factory Estate, Morden Road, London, S.W.19, have acquired additional premises adjoining their present establishment at Wimbledon. Messrs. Scrubb regret their inability to meet demands but with the additional accommodation and plant orders will be executed promptly from November.

COMING EVENTS

Wednesday, August 24

Bolton Pharmaceutical Association. Visits to Cussons Soap Works, Kersal Vale, Manchester, and to Buxton.

British Pharmaceutical Conference

Applications for tickets to attend the Conference should be addressed to Mr. F. J. Carter, (treasurer, Blackpool Pharmaceutical Conference Committee), 27 Red Bank Road, Bispham, Blackpool. Books of tickets from Monday to Friday inclusive are £5 5s. and day tickets £2 2s. each.

Details of the Ladies Excursion round the Fylde (Tuesday, September 13) and the Conference Excursion to the Lake District (Wednesday, September 14) are summarised below:—The Ladies (after official photograph has been taken in Stanley Park), will visit Bispham, Norbreck, Cleveleys, Rossall, Fleetwood (for tea), Thornton, Poulton-le-Fylde, Hardhorn, Staining, Lytham, Fairhaven, St. Annes, and Squires Gate. The Excursion to the Lake District is via Shard Bridge, Pilling Sands, Lancaster, Bolton-le-Sands, Carnforth, Kendal, Windermere, and Bowness (for lunch). After lunch members will go by lake steamer to Waterhead, and thence by road to Windermere (for tea). The return journey to Blackpool is by Lancaster and St. Michaels.

ADDITIONAL APPROVED NAMES

THE British Pharmacopœia Commission has issued the following supplementary list of approved names for drugs, extending the list that has already been issued (see *C. & D.*, 1948.II.207):—

APPROVED NAME	OTHER NAMES
Isoprenaline	*iso* Propyl*nor*adrenaline; Aludrine; Neo-epinine; Neo-adrenal; Neodrenal.
Menadoxime	Ammonium salt of 2-methyl-1 : 4 - naphthaquinone - 4-oxime *o*-carboxymethyl ether; Kapilon soluble.
Mephenesin	1 : 2-Dihydroxy-3-(2′methylphenoxy) propane; Myanesin.
Mepyramine maleate	*N′* - *p* - Methoxybenzyl - *N′* - diamethyl - aminoethyl - 2 - amino-pyridine hydrogen maleate; Anthisan.
Promethazine	*N*- (2′-Dimethylamino - *n* - propyl) phenthiazine hydrochloride; Phenergan.
Phenadoxone	6 - Morpholino - 4:4 - diphenylheptan - 3 - one hydrochloride; Heptalgin.
Decamethonium iodide	Decamethylene - 1:10 - bistrimethylammonium di - iodide; C 10.
Hexamethonium iodide	Hexamethylene - 1:6 - bistrimethylammonium diiodide; C 6.
Pentamethonium iodide	Pentamethylene - 1:5 - bistrimethylammonium diiodide; C 5.

The Pharmacopœia Commission states that it is prepared to consider requests from manufacturers and others for Approved Names for products which appear likely to come into established use. Such requests should be accompanied by :— (a) reports of pharmacological and clinical investigations on the drug concerned; (b) a number of suggestions for a suitable name, having regard to the need to avoid similarity to existing trade marks and other current names. In the selection of an Approved Name the Nonemclature Committee of the Commission will be prepared to consult with authorised represe atives of the manufacturer. If manufacturer should desire to issue der a proprietary name a drug for wh an Approved Name has been provid the Commission strongly recommends t the label shall bear the Approved Na of the substance in letters no less conspi ous than those in which the propriet name is printed or written.

The Commission gives the follow general principles for guidance in devis new names:—

1. Names should, preferably, be free from anatomical, physiological, pathological or th peutic suggestion.
2. An attempt should first be made to forn name by the combination of syllables from scientific chemical name, in such a way as to dicate the significant groupings of the compou
3. Names should, in general, not exceed f syllables.
4. Names should be distinctive in sound spelling, and should not be liable to confus with names already in use.
5. Names which are difficult to pronounce o remember should be avoided.
6. The addition of a terminal capital letter number should be avoided.
7. Names used in the United States Phar copœia, the British Pharmaceutical Codex or "New and Non-Official Remedies" should rec preferential consideration.
8. The following terminations should used:—

-ine (Latin -ina)	for alkaloids and ganic bases.
-in (Latin -inum)	for glycosides, glyc ides and neutral p ciples.
-ol	for alcohols and phe (-OH group).
-al	for aldehydes.
-one	for ketones and ot substances contain the CO group.
-barbitone or -itone	for drugs of the ba turate group.
-caine or -aine	for local anæsthetics.

Communications concerning Approv Names should be addressed to:—The S retary, British Pharmacopœia Commissi 44 Hallam Street, London, W.1.

LONDON B.PHARM. RESULTS

THE following students have passed the University of London B.Pharm. examination 1949:—Internal (under the old regulations), Enid L. Allen (School of Pharmacy), Elizabeth Brasted (School of Pharmacy), E. B. Cole (Chelsea Polytechnic), Marian R. Collier (School of Pharmacy), T. J. Davis (Chelsea Polytechnic), Joyce Keevil (School of Pharmacy), Margaret A. E. Lewis (School of Pharmacy) D. T. Modi (School of Pharmacy), H. J. Reynolds (School of Pharmacy), Chandu Motichand Shah (School of Pharmacy), S. Storton (Chelsea Polytechnic), V. Vergine (Chelsea Polytechnic). Rachel Knight and G. Vroobel (School of Pha macy), have passed the Examination befo having completed a full course of study internal students and are therefore n yet qualified to receive the degree.

The following passed under the new r gulations:—D. W. Russell (Chelsea Pol

:hnic), first class honours ; R. E. Marshall :hool of Pharmacy) second class hon-rs.

The following external students have ssed :— W. R. L. Brown (Robert Gor-n's Technical College, Aberdeen), Louise Bussell (Cardiff Technical College), H. ıerszkowicz (Leicester College of Tech-logy), R. E. T. Collard (University of ttingham), W. E. Court (University of ttingham), Gwenda P. Cox (Brighton chnical College), Gladys B. Davenport niversity of Nottingham), D. A. Dean niversity of Nottingham), R. Farthing niversity of Nottingham), K. R. Fell nderland Technical College), K. J. llings (Leicester College of Technology), G. Haining (Birmingham Central Tech-al College), Ruth Head (University of ttingham), H. B. Heath (University of ttingham), P. E. Hollis (Portsmouth Municipal College), W. R. Hunt (University of Nottingham), T. W. Hunter (Leicester College of Technology), A. M. A. Jetha (Leicester College of Technology), Dilys M. John (School of Pharmacy), P. King (Bradford Technical College), Irene Ladden (University of Nottingham), R. Lewinsky (University of Nottingham), A. J. Middleton (University of Nottingham), Valerie K. Pearson (Brighton Technical College), S. M. Radin (School of Pharmacy), Elizabeth V. Robinson (Sunderland Technical College), A. R. Rogers (Brighton Technical College), Audrey Rothwell (University of Nottingham), G. W. G. Sharp (University of Nottingham), J. C. Smith (Brighton Technical College), J. Spyvee (University of Nottingham), J. B. Walker (Birmingham Central Technical College), S. G. Webster (Birmingham Central Technical College).

BLACKPOOL CONFERENCE PROGRAMME

TAILS of the programme of the British armaceutical Conference to be held in ckpool from Monday, September 12 to day, September 16, under the chair-nship of Mr. Norman Evers, Ph.D., .I.C., are given below :—

Monday

3.30 p.m. Baronial Hall, Winter Gardens. Afternoon tea.

4.15 p.m. Spanish Hall, Winter Gardens. Opening Session. Welcome by Mayor of Blackpool, and address by the chairman of the Conference.

.0 p.m. Casino. Civic reception, followed by a dance and refreshments. (Transport will be provided to hotels at 12 midnight).

Tuesday

.30 a.m. Foyer, Opera House. Science Session.

.0 p.m. Spanish Hall, Winter Gardens. Luncheon.

.0 p.m. Stanley Park. Official photograph.

.30 p.m. Foyer, Opera House. Science Session.

.30 p.m. Ladies' excursion to the Fylde Coast. Tea at Fleetwood.

.0 p.m. Baronial Hall, Winter Gardens. Tea for members attending the Science Session.

.30 p.m. Foyer, Opera House. Science Session (continued).

.30 p.m. Casino. Conference Banquet. (Transport to Hotels at 11.30 p.m.).

Wednesday

9.30 a.m. Conference excursion to the Lake District.

8.45 p.m. Visit to Opera House, Blackpool. (Transport to hotels afterwards).

Thursday

9.30 a.m. Foyer, Opera House. Science Session.

11.0 a.m. Baronial Hall, Winter Gardens. Branch Representatives' meeting.

1.15 p.m. Spanish Hall, Winter Gardens. Luncheon.

2.30 p.m. Baronial Hall, Winter Gardens. Branch Representatives' meeting (continued).

4.0 p.m. Spanish Hall, Winter Gardens. Afternoon tea.

7.30 p.m. Casino. Conference Ball. (Transport to hotels at 1 a.m.).

Friday

9.30 a.m. Foyer, Opera House. Symposium Session.

1.15 p.m. Spanish Hall, Winter Gardens. Luncheon.

2.15 p.m. Foyer, Opera House. Science Session.

2.15 p.m North Shore Golf Club. Edmund White Golf Trophy.

2.15 p.m. Stanley Park. London Bowls Challenge Cup. England *v* Scotland.

4.0 p.m. Spanish Hall, Winter Gardens. Afternoon tea.

4.30 p.m. Baronial Hall, Winter Gardens. Closing Session.

7.15 p.m. Visit to Tower Circus.

10.5 p.m. Tour of Illuminations.

BRITISH PHARMACEUTICAL CONFERENC

Blackpool—September 12-16, 1949

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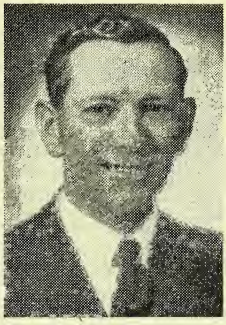

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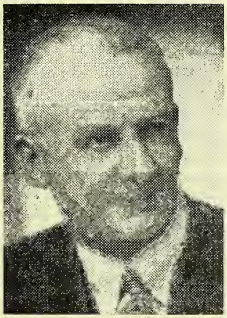

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MEDICINAL SUPPLY OF BARLEY SUGAR

THE Ministry of Food has made an Order (S.I., 1949, No. 1523) effective from August 14, which renews provisions by which glucose barley sugar may be obtained by patients ration-free, through registered pharmacists, on an "approved order" of a registered medical practitioner.

An "approved order" means, an order given in writing by a registered medical practitioner with his usual signature, specifying the name of the patient for whose treatment it is given, and specifying a stated weight of glucose barley sugar not exceeding 2 lb. The order may, however, be given for the supply to the patient on two further occasions at intervals of not less than one month of a weight not exceeding 2 lb. on each occasion, if this is specifically directed. Any order on a National Health Prescription Form E.C.10 is not an "approved order." A registered pharmacist may obtain ration-free from a manufacturer, glucose barley sugar for a named person on production to the manufacturer of the approved order given for that person. Registered pharmacists and manufacturers supplying glucose barley sugar against an approved order are required to check that the signature on that order is that of a registered mec practitioner. Every manufacturer suppl glucose barley sugar against an appr order is required on each occasion to e on the order in ink or other inde marking: (i) his name and address; (ii) date of that occasion, and (iii) the quai supplied. Every person obtaining glu barley sugar from a registered pharm against an approved order shall leave order with that pharmacist for such as shall enable the pharmacist to ob replenishment from a manufacturer of amount of the supply to that per "Save that where the glucose barley su so obtained is the last quantity which be supplied or obtained against that o that person shall deliver up and surrer the order to the pharmacist." The ma facturer who supplies, against any appro order for glucose barley sugar, the quantity which may be supplied against order, shall "retain that order, prese and keep it for a period of one year f the date thereof and deliver it up to o directed by the Minister of Food."

Copies of the Order may be obtai from H.M. Stationery Office, York Ho Kingsway, London, W.C.2, price 3d. ea

PERSONALITIES OF SCIENCE ON POSTAGE STAMPS

THE Free City of Danzig issued in 1939 a grey-green 25-pfennig stamp bearing a portrait of Wilhelm Konrad Röntgen (1845-1923) and the slogan "Fight Against Cancer. Cancer is Curable." The 2fr.+3fr. violet stamp of France, depicting Henri Bequerel (1852-1908), was issued in 1946 to commemorate the 50th anniversary of Bequerel's experiments in radioactivity, leading to the discovery of radium. Inspired by the discovery of *x*-rays by Rontgen in 1895, Bequerel conducted experiments on uranium compounds in 1896, and found that uranium emitted rays similar to *x*-rays. Testing pitchblende, he found the rays much more powerful and co cluded that it contained an element f more radioactive than uranium. He e listed the aid of Pierre and Marie Cu in his researches, and they, after two yea of research, separated the various impu ties from the pitchblende and finally pr duced radium.

e Minister Supports N.P.U. Protest against

ALLEGED MISTAKES IN N.H.S. DISPENSING

LLOWING on a statement published in "Sunday Express" of August 14, ler the title "Chemists slip up on one dicine in four" in which it was alleged t "nearly one bottle of medicine in r prescribed under the Health Service vrongly dispensed . . .", the Minister of alth (Mr. Aneurin Bevan) has caused following Press notice to be issued for eral circulation:—

ispensing by Chemists Under N.H.S.

The Minister of Health's attent'on has been vn to a statement in a Sunday newspaper that ly one bottle of medicine in four prescribed er the National Health Service is wrongly ensed by chemists taking part in the service. The actual facts so far as they are known he moment are these:—

Test analyses of dispensing (of both drugs dressings) under the service were introduced April 1, 1949. During the quarter ended June 1,753 samples were tested throughout England Wales. Of these the results of 748 were not known by June 30. In the remaining 1,005 s no action was found necessary in 909—i.e., over 90 per cent.

The other 96 cases—i.e., just under 10 per .—were referred to the appropriate committee he Executive Council to consider whether there e any grounds for disciplinary action against chemist.

It is still too early to say in what proportion cases such action will be decided upon, but er National Health Insurance a similar scheme in force and for the year 1932, for which lts are readily available, out of 389 cases rred to the appropriate committee of the Ince Committee only 227 resulted in disciary action.

A considerable proportion of the samples tested drugs and dressings bought by the chemist lv made and not compounded in his premises.

Pre-war under the National Health Insurance eme in about five per cent. of cases was disinary action found necessary. Action took the n either of a warning or of the withholding part of the chemist's remuneration."

The following are abstracts of a circu- issued by the Secretary (Mr. H. Noble) the National Pharmaceutical Union to secretaries of N.P.U. Branches and armaceutical Committees. The circular otes the Minister of Health's reply to allegations quoted above:—

"You will, no doubt, have seen the article the "Sunday Express" (August 14), aded "Chemists slip up on one medicine four." An unidentified Health Service icial is quoted as having made remarks ich are most offensive and the whole icle is in terms which are calculated to parage the standing of the pharmacist the eyes of the public. The Union's icitors have been instructed to seek ounsel's opinion on the possibility of action against the publishers of the "Sunday Express" for libel. Independently of any legal action which may be taken, representations are being made to the "Sunday Express" in the strongest possible terms against this unwarranted undermining of public confidence in the pharmaceutical service. You may be approached by local newspapers for a statement on the testing scheme results locally. The Ministry statement gives the facts nationally; in interpreting those facts it should be borne in mind:—

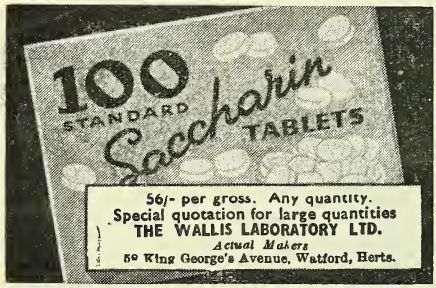
(*a*) That tests of cotton wool, lints, bandages, etc., which are found in any way to be unsatisfactory, reflect on the chemist, even though he is required to supply in unopened packets as obtained.

(*b*) That the chemist is answerable for tests of tablets, capsules and of other drugs and galenicals ordered uncompounded on a prescription and which are found to be deficient in any respect.

(*c*) That because of the new system under which test mixtures are divided into three parts, it will more commonly than in the past, be the case that the official analysis of one part will show an apparent excess or deficiency of an insoluble powder, the apparent error being accounted for only on the subsequent analyses of the two other parts.

(*d*) That the figures for a particular Executive Council area may give a completely misleading impression as to the standard of accuracy of the local pharmaceutical service owing to the test prescriptions being concentrated on a particular drug or type of preparation particularly liable to deterioration or to ambiguity of interpretation.

Although we are well aware that many chemists resent the existence of any testing of dispensing scheme as a reflection on a professional body, may I suggest that no purpose would be served at this juncture and in the particular circumstances created by the "Sunday Express" article, by giving any publicity to that view. Pharmacy has nothing to fear under the Testing Scheme properly applied and would be in a much worse position from the point of view of the risk of adverse local publicity if instead of the testing scheme, the Food & Drugs Act procedure, with its attendant police court publicity was followed. You will, no doubt, take any action which is open to you locally, to see that the local Press puts this matter into its proper perspective and as far as possible removes the slur cast on pharmacy and pharmacists. Will you please send on for our files cuttings from local newspapers (not nationally circulated papers) of any item bearing on this matter."



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THE NATIONAL ASSOCIATION OF OPTICIAN
The next Examination for the Fellowship and Hon ours Diplomas will be held at Liverpool in December
Syllabus, Entrance Forms, etc. may be obtaine from:—
The Secretary, N.A.O. 8 Victoria Street, LIVERPOOL,

INFORMATION WANTED

The Editor would appreciate informati about suppliers of the following items:

Publishers of "The Manual of Pharmaceuti Specialities, Serums and Vaccines," by Dr. He bert Ludwig
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Rocosan disinfectant for chemical closets
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L. CLII AUGUST 20, 1949 No. 3626

U.S. Anti-Narcotic Drive

e control of narcotics under interna- al conventions has been checked by world wars. Indeed the lack of an ctive programme after the first world resulted in a wide outbreak of addic- . The U.S.A. Government in its 1944 ort to the United Nations Commission Narcotic Drugs emphasised the urgency formulating measures to forestall such occurrence after the second world war. e resurgence of statistics (p. 251) is hout doubt a preliminary to the appli- on of stricter control of narcotics sub- to international conventions. The otiations in progress for a single sim- ied convention is an endeavour to make trol both complete and comprehensive extending it to poppy-growing, and syn- tic drugs. Such international affairs rate behind a curtain of diplomacy, the fact that the United States of erica is a prime mover in these matters urs well for their ultimate fulfilment. e world data confirm the allegation of U.S. report that only "sporadic" pro- ss has been made in reducing the over- duction of opium. The anti-narcotic ve originated in the Judd resolution pted by the U.S. Congress in July 1944. is requested the President to approach Governments of all opium-producing ntries to take immediate steps to limit growth of the opium poppy and the duction of opium to the amounts ctually required for strictly medicinal d scientific purposes." Copies of the resolution were transmitted to the Governments of Great Britain (on behalf of India and Burma), Iran, Afghanistan, Russia, Turkey, Jugo-Slavia and Mexico. Of these, Afghanistan, China and Mexico have since decided to ban opium-poppy growing and opium production, and opium smoking is now prohibited in India and Burma.

The maelstrom of international affairs in the Far East adds to the difficulties of making effective the prohibitions already in existence. Nevertheless the enormous decline in demand for prepared opium is reflected in the decline in output in 1947 as compared with 1936. This reduction automatically aids the campaign against the illicit traffic, but the problem requires complete co-operation between all nations as it cannot be solved by individual restrictions. Unfortunately, Russia, Iran, Turkey and Jugo-Slavia have economic problems overshadowing limitation of opium production. Nevertheless, as parties to the Conventions they will participate in the international negotiations.

Animals in Experiments

The Return of Experiments Performed on Living Animals for 1948 which has recently been published (see p. 235), reflects favourably on the care of animals taken by workers engaged on animal experimentation, and draws attention, perhaps, to the stringent restrictions which apply to animal experiments under the Cruelty to Animals Act, 1876. Under the Act experiments must be performed to the ends of the advancement of physiological knowledge, or of knowledge which will be useful for saving or prolonging life or alleviating pain, or for passing that knowledge on to persons attending lectures in teaching institutions. Persons performing experiments must hold a licence from the Secretary of State, and a standard condition attached to the licence is that the experiments must be performed at a registered place. In experiments performed under licence alone, or with Certificate C (which permits of specified experiments being conducted to illustrate lectures), the animal must be under the influence of an anæsthetic to prevent it from feeling pain.

Certificates under the Act must be given by two persons holding specified offices, one being the president of a learned society and the other a professor of a branch of medical science. If experiments are to be performed without anæsthetic or without the animal being killed before it recovers from the anæsthetic it must be established that the object of the experiment would be frustrated otherwise, and the experimenter must be in possession of a Certificate A (which allows him to perform the experiments without anæsthetics), or a Certificate B (which exempts him from the obligation to kill the animal before it recovers from the anæsthetic).

No operative procedure more severe than simple inoculation or superficial venesection may be performed in any experiment made under Certificate A. Where a dog, cat, horse, etc., is to be used further certificates are required.

Hong Kong and the Chinese Trade

A STATEMENT issued a few days ago by the China Association will be of interest to all engaged in trading with the Far East. It draws attention to the difficulties which have arisen in Shanghai owing to the almost complete stoppage of external trade following the imposition of a blockade by the Nationalists. Overheads, wages and taxation have risen steeply, and commerce is further hampered by what is regarded as an unrealistic rate of exchange at which the local authorities have pegged the new currency. In recent years, Shanghai, the greatest sea-port in China, has been the outlet for a large part of Chinese produce, including the principal drugs and essential oils.

Meanwhile, further south the entrepôt trading centre of Honk Kong is finding it difficult to obtain stocks of goods, particularly from north and central China. It is understood, for example, that there are no supplies of rhubarb, galangal root, and star anise oil. On the other hand, goods, including chemicals and medicinal products, for export to China, are piling up in the warehouses and there is little chance of getting them to Shanghai where they are badly needed. Canton is still in the hands of the Nationalists, but apparen the only method to get consignme through to central China is by smuggli a method of transporting goods which ac greatly to their cost.

A report from north China, publish in the "Manchester Guardian," from t manager of a firm of importers and porters, gives the impression that con tions are improving. The foreign depa ment of the North China People's Bank Tientsin (formerly a branch of the Ba of China) controls foreign exchange a superintends the exchange market. E change rates are available for U.S. dolla British sterling, Swiss francs and Ho Kong dollars. The exchange rate for a n currency, "Jen Min" (JM), in terms U.S. dollars, is adjusted in accordance wi local conditions, but the cross rates of oth currencies are adjusted daily in accordan with the cross rates in the Hong Ko market. Direct shipments to Tientsi however, are out of the question, whi further enhances the position of Ho Kong as an outlet through which Chi can trade with the world.

Some British Pharmacies

WE publish on p. 257 the second article a new series entitled "The Profession Practice" in which we propose to descri briefly a number of pharmacies througho Britain that are notable for some partic lar feature or features. Among the fe tures which we intend to show are notab architecture or history (and the series wi therefore, we hope, form a record of the as sought, for example, by a correspond (see *C. & D.*, April 23, p. 539)); equi ment; interior design; special type trade, etc. Hospital pharmacies of partic lar note will also be included, and we fe that the reviews generally will be interest to our subscribers. Articles in th series will be published as often as spac permits. As, of course, no special recor exists of pharmacies with the features tha we wish to show, may we invite our sub scribers, who own or are in charge of phar macies that lend themselves to descriptio to send us details with, if possible, suitabl photographs.

POISON LAW, 1935-49

3. Opium Over-production

THE publication of statistics regarding the International trade in narcotic drugs began in 1935 and 36, under the Geneva Conventions of 25 and 1931, but was interrupted by e 1939-45 war. The Permanent Cen- l Opium Board in its 1948 Report tes that the time has come to resume ch publication and comments that the evious data filled a hundred pages or in two years, but "the most important ures were submerged in the details of ners of less importance." To remedy s deficiency, the Board has prepared noptic tables relating to various phases the movements of raw materials and ugs manufactured therefrom. The ob- t it to supply in future data which st show the trend of such movements, d this cannot fail to simplify the task the international organs and national thorities concerned in the control of ngerous Drugs.

World Problem

The intention to obtain an overall con- ntion for natural and synthetic narco- s is undoubtedly a preliminary to the nited Nations Organisation requesting ppy-growing countries to reduce opium oduction to the amount needed for edical and scientific needs. The U.S.A. a prime mover in this matter. It is of vital concern" to that country as the imate target of illicit traffic in Dan- rous drugs. The Judd resolution, ap- oved in Congress on July 1, 1944, ged preventive action by an Interna- nal poppy-limitation Convention. In effect, it calls for fulfilment and sup- mentation of the 1931 Bangkok agree- nt for the suppression of opium-smok- g. The "poison policy" of Japan, one the contracting parties to the 1931 reement, in encouraging the use of nar- tics in conquered territories, has pre- nted the other Far-Eastern countries om fulfilling their obligations. America s occupied Japan and it remains to be en if communist China and Russia can persuaded to join in carrying into ef- ct the abolition of a habit which is the timate cause of illicit traffic in narcotic ugs. The U.S.A. Report for 1944 es- nated that world opium production in at year amounted to 2,647 tons, ainst medical requirements of 440 tons, and added "The inevitable result is an annual surplus which goes into illicit traffic." Declarations in 1936 to the Opium Board constitute the one and only complete approximation to true figures for world production of raw opium. They show a total of 3,761,462 kilos (3,702 tons) of which less than one-tenth (356 tons) was used in the manufacture of morphine or exported to morphine-manufacturing countries.

Units Adopted

The Opium Board has adopted the kilo as a basis of comparison for both production and utilisation of raw materials, and manufacture of drugs therefrom. As seen above, these are apt to attain astronomical proportions and "tons" are used to simplify comparisons of hugh amounts. In changing kilos into the pounds (of opium) and ounces (of morphine, etc.) of the 1936 British Report, the advantage is two-fold in using units customary in this country and providing figures with definite meaning in the drug trade. It is difficult to visualise a ton of opium when it has hitherto been referred to in pounds.

Absence of Statistics

The Opium Board's data for the pre-war year 1936 provide the basis of comparison with those for the post-war years 1946 and 1947, but the value of its synoptic tables is vitiated by incomplete figures for 1946 and 1947. Indeed the Board laments in its "conclusions" that it is impossible, twenty years after the Geneva Convention of February 19, 1925, "to determine even approximately the total world production of raw opium and coca leaves" and also adds that there are "no figures" for the production and consumption of Indian hemp. The volume of world manufacture of narcotic drugs is known with the exception of that in the U.S.S.R., and this fact is of considerable value. The most marked trend is an increased demand in drugs — especially codeine — derived from morphine. The amount of morphine used as such has varied but little, but this does not mean that the demand for analgesics is not rising but rather that morphine is being replaced more and more by synthetic drugs. These, including pethidine and amidone, are not as yet covered by convention. The

disparity between the figures for consumption of diacetylmorphine from country to country is dealt with at length. None of the studies undertaken by the Board and other international bodies has produced a satisfactory explanation of this disparity which is also present in the figures for other narcotic drugs. Hence there is no stock formula giving a typical "standard consumption for medical and scientific purposes" which would enable the international authorities to determine what constitutes an "abnormal" consumption. This fact, and the increasing production of narcotics, synthetic and otherwise, make it more necessary than ever to exercise extremely strict control over their distribution in order to avoid improper consumption and increased addiction.

British Statistics

The data in Tables III are extracted from the 1936 and 1947 Reports of H.M. Government in Great Britain and Ireland and supply statistics from a nation applying Dangerous Drug control *in excelsis*. It must be stressed that the data of the 1947 Report have been converted from kilos into lb. and the tables have been compiled by abstracting and rearranging British data so as to simplify comparisons with world statistics. The value of British statistics rests in the fact that that they disclose the same trends as the synoptic tables, with the advantage that they provide definite details for production, consumption and manufacture of narcotics from a nation which has become the principal source of supply for dangerous drugs under international authorisations.

World Statistics for Raw Opium

Details of the demand for smoking-opium are unavailable for 1947 but this is probably falling off rapidly as a result of the abolition of opium-smoking decreed in China, India and other Far Eastern territories. Suppression of the illicit traffic in narcotics is the one project on which communist controlled nations are inclined to co-operate. The abolition of the illicit traffic in opium requires their participation in enforcement of decrees already in existence. China adopted the policy of absolute suppression of poppy-growing and opium-smoking on January 1, 1941. This was vitiated by the effects of the Japanese "poisons policy" in occupied areas and by the return of opium addicts from overseas. India reported in 1944 that enforcement of legislative measures materially curtailed the use of opiu smoking. The sale of prepared opiu prohibited as also its manufacture e by licensed individuals for personal The habit is in general confined t alien population, especially Chinese Iranians. Iran as a source, with Ch seamen as distributors, form the co smuggling activities often from B ships.

Table I denotes a tremendous de in opium production since 1936. Th sence of figures from Iran prevents acc comparisons with 1947 output, but significant that that country produce 1946 less than half the 1936 am Cession of Asian demand pro accounts for this reduction but there no statistics of consumption by o addicts which still exist in certain A regions (notably China and Indo-C despite prohibition by the Governm concerned.

Licit Demand for Opium

Europe as represented by Tu Jugo-Slavia and Bulgaria shows (Tab an overall increase in opium exported use in morphine manufacture along a decline in demand for other purp

TABLE I

World Statistics for Raw Opium

	Production		Export to Morphine Manufacturing Countries	
	1936 lb.	1947 lb.	1936 lb.	19 l
Total	8,292,519	?	565,797	986
Argentina ...	?	4,409*	—	-
Bulgaria ...	10,052	3,307	10,944	17
China ...	3,553,249	—	—	-
India ...	373,473*	284,852	—	260
Iran ...	2,963,661	? †	144,088	205
Japan ...	38,20. *	—	—	-
Jugo-Slavia	140,913*	51,658*	73,230	42
Korea ...	60,196	—	—	-
Turkey ..	939,169	737,697	312,672	460
U.S.S.R. ...	109,423*	?	27,979	

* Part used in manufacture of morphine, Table II.

† Iran, in 1946 reported production 1,138,241 lb.

Poppy capsules and poppy-straw was war-time source of morphine by makers Germany, France, Hungary and Switz land, and still continued in 1947 with decline from 1946 due to opium bei again obtainable.

The world demand in 1947 for li extraction of alkaloids was estimated

ut 600 tons (1,334,000 lb.) of opium wing 130 tons (based upon morphine mates) for U.S.S.R. requirements. This pares with 356 tons (798,578 lb.) lared in 1936 as used in making morhe or exported for that purpose. In four-year period 1934-7, for which parable data are available, the average 332 tons.

TABLE II

LISATION OF OPIUM BY-PRODUCING UNTRIES FOR THE MANUFACTURE OF MORPHINE

um used for making morphine opium-producing countries.	1936 lb.	1947 lb.
Total	235,427	?
Argentina	?	2,293
China	?	3,642
India	9,104	—
Japan	58,796	—
Jugo-Slavia	5,835	21,927
U.S.S.R.	161,456	?

ium Imports into Great Britain

British imports of opium totalled around ,000 lb. in both 1936 and 1947. The istics are complete and comparable illustrate the disturbing influence of war on the origins and utilisation of

TABLE III

RAW OPIUM STATISTICS (G.B.)

	1936	1947
orts	lb.	lb.
otal	248,850	260,369
Origins:		
Bulgaria	4,977	—
Germany (Turkish)... ...	20,196	—
Turkey	112,228	—
Russia	—	16,319
Jugo-Slavia	62,184	12,595
India	—	223,102
Iran	49,228	—
orts		
otal	119,227	31,648
Destinations:		
Europe	28,426	26,971
Africa	554	286
America	89,415	2,358
(U.S.A.)	(88,886)	(2,109)
Oceania	832	2,036

um, which fact has altered the whole rse of world trade in manufactured cotics.

n 1936 European opium from Turkey d Jugo-Slavia comprised the bulk supply Britain with Iran opium as a useful adct. About two-thirds of the European um was exported to the United States America. In 1947 India supplied rly nine-tenths of the raw opium which supply was used at home for the extraction of alkaloids and enabled this country to replace Germany as the chief distributor of these narcotics.

Table IV includes exports of medicinal opium which comprised a small fraction of British opium exports in 1936.

TABLE IV

MEDICINAL OPIUM EXPORTS (G.B.).

	1936 lb.	1947 lb.
Medicinal Opium		
Exported	1,675	2,716
Europe	607	652
Asia	60	230
Africa	203	637
America	202	1,071
Oceania	603	123

Coca

It has never been possible to ascertain world production of coca leaves, the bulk of which is used in the five producing countries for "chewing" purposes by the indigenous population. Colombia, not the largest producer, alone declared her approximate production in 1947 at 551,150 lb., of which 396,720 lb. was used for chewing. Colombia reports that coca reduces chewers to a state of deplorable physiological deterioration, and that their children are degenerates. Means suggested for combating the vice range from beginning with a census of addicts, as provided by Resolution 578 in 1941, to the destruction of all coca plantations.

Argentina imported 887,040 lb. of coca from Bolivia and Peru in 1947 for masticatory purposes. The United States used 353,920 lb. in making non-narcotic coca-flavoured beverages. Cocaine-manufacturing countries took 486,080 lb., but the additional amount utilised in Peru for the manufacture of crude cocaine was not included in the 1947 return, but 409,302 lb. was used for the purpose in 1946.

Table V gives the British data and shows that crude cocaine has replaced coca as the raw material for cocaine manufacture.

TABLE V

COCA AND CRUDE COCAINE

	1936 lb.	1937 lb.
Coca		
Imported	110,821	—
Netherlands Indies	109,979	
Crude Cocaine		oz.
Imported (Peru)	—	11,111

MUMMY IN PARACELSIAN PHARMACY

By Howard Bayles

BY chance my attention was lately directed to a treatise, published in 1653, on the medicinal use of mummy. Like many books of the period, it has a lengthy title, and the prefatory contents include eulogies of the author. The title is: "Medicina Diastatica or Sympatheticall Mumie: containing, Many mysterious and hidden Secrets In Philosophy and Physick. By the Construction Extraction Transplantation and Application of Microcosmical & Spiritual Mumie. Teaching the Magneticall cure of Diseases at Distance, &c. Abstracted from the Works of Dr. Theophr. Paracelsus: By the labour and industry of Andrea Tenzelius, Phil. & Med. Translated out of the Latine by Ferdinando Parkhurst, Gent." "Diastatica," an adjective of Greek origin (anglicised by adding "l"), is defined as "characterised by transplantation." The subject of this book is thus linked with the powder and ointment of sympathy which formed the basis of an article in THE CHEMIST AND DRUGGIST, 1938.II.250.

Paracelsus, as represented in a British Museum print. Portraits of him are, however, not well authenticated.

Transplantation

In "The Epistle to the Reader," Parkhurst states that the treatise is an abstract from the "De Tempore seu Philosophia" of Paracelsus, "which piece . . . I may here prefer as an *Epitome* of the most abstruse part of *Philosophy* . . . in the rare and admirable cure of diseases at distance, by *transplantation* into other *species*, through a *Mumial* and *Magneticall* power, drawn chiefly from the *Sympathy* and *Antipathy* of natural things." Three of the four tributes to the translator that fol this preface are in verse; one begins:

"*Physicians* need no more their Tr
advance,
By tedious, fulsome long Receits
chance."

It may be rem
bered that in
seventeenth cent
mummy was a fa
liar article of m
chandise, as
Thomas Brow
noted in "Hydr
taphia"; and t
in the 1660 Book
Rates it bore an i
port duty of 1s. 1
lb. In the first ch
ter of "Medic
Diastatica" the fo
varieties of it "g
erally denoted
Physicians and Ap
thecaries" are d
cribed: They are:

(1) Arabian. T
embalming of t
kind of mummy w
done with a mixtu
of aloes, myrr
"croco's" and b
samum.

(2) Egyptian.
Egypt the nobl
used similar spic
to those of the Ar
bian process, but t
lower classes we
usually limited to "asphaltos."

(3) Pissasphaltos, defined as mumm
impregnated with "a composition of
pitchy and sulphury matter." A counte
feit was prepared and sold.

(4) Lybian, derived from the bodies of tr
vellers lost in quicksands. The heat of th
sun scorched the flesh and separated it fro
the bones: no embalming was employe

Paracelsus states that no better mumm
can be obtained than that taken from th
bodies of criminals, and describes a "spir
tuall Mumie" derived thence.

Paracelsian Formulas

One chapter is alloted to "The Ex
traction of Aereall Mumie." Three formu

are given. The first formula, for "The ıcture of the Microcosme," which has alternative title "The Microcosmicall ne of Philosophers," is too long for in-sion in this article.

The second formula, "After the manner Quintessence," may be given (ignoring translator's italics) in full:—

"Take the cleare and bright spirit of Turpentine (for that of it selfe is Balsamic), mingle it with Mumie thinly wrought or cut in, and put it in a vessel Hermetically closed up during a Philo-ophers month [forty days and nights] o putrefie; poure some parts of the pirit of putrefyed Wine on the Expres-ion received into an Oxes bladder, then et it be put into an Alembick upon a Cucurbite closed very fast, so that the Cucurbite being set in cold water, the and and coales about the Alembick nay cause a gentle heat, which will nake the Liquor or Quintessence in orme very subtile to distill with the pirit of Wine through the bladder.

"The grosse or thick matter remain-ng must be reverberated and reduced nto Sal by sublimation, then after it hall be separated from the spirit of Wine by the Balneum it must be united with the Quintessence; which being done, the Quintessence of Mumie is to be thoroughly dissolved with Treacle and Musk; and so it may be preserved in the forme of an Elixir; and is a pre-sent remedy both for the Plague, and other venemous diseases."

The third formula, for "The Balsame the body prefocated" [i.e., stifled], is nparatively brief. Mumy is mixed th one-fourth of its weight of hot, dry rth, and left in a closed vessel for about month; seeds of plants thought benefi-l for the disease under treatment are en inserted and left till they sprout. nal extraction with spirit of wine "will very commodious and usefull for the nservation of health, and repelling of any diseases."

rands of Personality

Many of the 128 pages of this book are voted to an attempt to explain the erapeutical effects of medicinal mummy. sertion of the word "medicinal" is sug-sted by the fact that for some of the ecies described a certain amount of de-uration was ordered. Anyone who tries follow Paracelsus in his theories of the action of medicinal substances must prepare for hard thinking. In the personality of that remarkable man there can readily be distinguished three strands or elements. First there is the showman who, according to a tradition, publicly burnt books by Galen and Avicenna. Secondly there is the mystagogue, from whose teaching it is virtually impossible to extract a coherent system of thought. Thirdly there is the shrewd practitioner of medicine, some of whose innovations were, in the opinion of his contemporaries, justified by results. Writing in 1746, D. W. Linden pointed out that chemical specifics prepared by Paracelsus owed much of their reputation to the relative smallness of the doses prescribed, a welcome contrast to galenicals that were swallowed by the quart.

Definition and Assertion

As with sulphur, salt and mercury in the Paracelsian scheme, so with mummy: it is not what his patients, in their simplicity, supposed it to be. On p. 12 of "Medicina Diastatica" we read:

> "*Mumie* properly so called is the most subtile substance of the body, Spirituall, Ætheriall, and in respect of its Nature and species coingenited, permanent in some measure both in and after death . . . ."

It may have occurred to some readers of this statement that mummy so defined is a curious substance to be chargeable with import duty. The author compares its virtue to that of a magnet, adding: "As the flame of one lamp transmigrateth into another, and yet remaineth intire, so likewise doth the Rayes or beams issue out of the body . . . yet it is not the body itself, nor any part of it." A further stage is reached in the explanation—if it can be called an explanation—by asserting that everything is "endowed with a power of affecting another thing with its own qualities, although every operation is not equally effectuall . . . ." Hence the *rationale* of "eating the Lungs of a Fox" in cases of "Consumption of the Lungs." Hence, also, the benefit of the "true sympatheticall Unguent." Mummy, we are told, "is so closely (and secretly) joyned by a peculiar *influence,* as the whole Kingdom and Monarchy of Nature doth admirably abound with consentaneous and dissentaneous, *sympatheticall* and *antipatheticall* influences, that . . . [it will act] at the greatest distance."

Influence at a Distance

This explanation is neither the doctrine of signatures nor the Digby-Glanvill hypothesis of apporrhœas. I may perhaps call it the theory of correspondences. It is not surprising that a few sentences of this kind are left by both translators in the original German, with a plain hint that it was impossible to make sense of them. Once a theory of influence at unlimited distance is accepted, it can account for almost anything. The crowing of the domestic cock, for instance, is here attributed to "a certain influence of the Sun, and consequently . . . the mutation of the Aire, which doth alter specially at the rising of the Sun, at what time the Cock is observed more earnestly to crow . . . . " Similarly, "the bodies of Oysters, Cockles, and all shell Fish" are said to increase and dec "equally" with the waxing and wa of the moon.

Such influences, Paracelsus states, not confined to material substances. gives a recipe for curing the hatred father for his son. The process is f simple. The operator takes some of son's blood from the left arm, drops it an equal quantity of wine, and puts mixture into "a very close Glasse" "certain dayes"; it is then distilled, the father takes a drachm or two of distillate in wine while fasting. remedy "will presently (with great miration) *metamorphose* and recor their affections." How much of all Paracelsus actually believed we are likely ever to know.

NEW BOOKS

Common Sense About Hair. — George Reeson and Charles Bedeman. $7\frac{1}{4}$ in. x $4\frac{3}{4}$ in. Pp. 78. 3s. 6d. Walding Press, Ltd., 18 York Buildings, London, W.C.2. In nine chapters the authors describe simply hair structure and distribution, factors influencing or retarding growth, diseases of the hair and methods of treatment. There are a number of sketches.

Greece.—A Board of Trade review of commercial conditions. $8\frac{1}{4}$ in. x $5\frac{1}{4}$ in. Pp. 41. 1s. H.M. Stationery Office. The review gives valuable statistical information on Greek foreign trade. The Greek market is considered to afford good openings to British exporters in drugs, pharmaceutical products (and raw materials for them), for scientific instruments, surgical equipment, veterinary supplies and other classes of merchandise.

Specifications and Methods of Analysis for certain Insecticides and Fungicides.—Plant Pathology Laboratory of the Ministry of Agriculture and Fisheries. $9\frac{3}{4}$ in. x 6 in. Pp. 64. 1s. 3d. H. M. Stationery Office, York House, Kingsway, London, W.C.2. First technical bulletin issued by the Ministry of Agriculture and Fisheries, this booklet replaces Bulletins Nos. 82 and 102 previously issued by the Ministry, the specifications and methods given in which it revises, adding others devised for additional classes of insecticides and fungicides. Specifications and methods given have been accepted by the Ministry, the Government Chemist and manufacturers, and used for the approval of proprietary products under a voluntary approval scheme that operated by the Ministry.

Penicillin and Other Antibiotics $7\frac{1}{4}$ in. x $4\frac{3}{4}$ in. Pp. 160. 7s. 6d. T Publishing Group, Ltd., 49 Park La London, W.1. The authors have c pressed within a small space basic fa now scattered in scientific papers, on number of antibiotics. Introducing subject historically they discuss antib terial chemical substances and the sour and general properties of antibiotics. In vidual antibiotics discussed are penicill streptomycin and tyrothricin, while chlo mycetin and aureomycin are mentioned an appendix. The information is sim and accessibly presented, and the manuf ture of penicillin is dealt with in det The book is illustrated with four plates a a number of line diagrams. Sir Alexand Fleming, F.R.S., has written a foreword.

A PHARMACIST'S ANTHOLOGY

When Ernest was in his second yea Theobald, as I have already said, bega to teach him to read. He begun to wh him two days after he had begun to teac him. "It was painful," as he said Christina, but it was the only thing to d and it was done. The child was pun white and sickly, so they sent continuall for the doctor who dosed him with calom and James's powder. All was done in lov anxiety, timidity, stupidity, and im patience.

From "The Way of All Flesh," b Samuel Butler.

GREEK SPONGE INDUSTRY

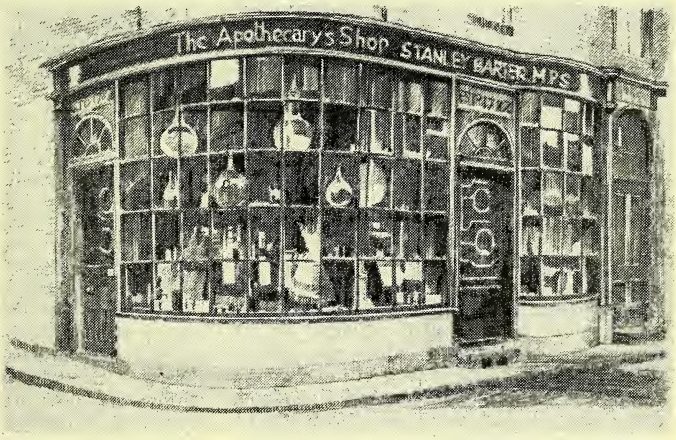
EK fishing boats brought in 105,000 (one oke=2,756 lb.) of sponges, ed at £500,000 during 1948. More half of this total was obtained from Dodecanese. The harvest, however, about 40 per cent less than in the pre- s year, since the boats left for the ng grounds in June whereas they nally leave about the middle of April. ting from Athens ("Foreign Trade," 31.16), Mr. T. J. Monty, Canadian mercial Secretary in Greece, says that current season is expected to produce h harvest.

rincipal sponge markets before the war Great Britain, Germany, the Scandi- an and other European countries. merly North American requirements of ges were obtained from local fisheries the exception of very high grades. owing a sharp decline in the number ponges fished by the United States, an nsive post-war trade has developed in k sponges with North America. Sales Great Britain have dropped by 33 per . because of the imposition of purchase but this has been offset by purchases by various industries in the Western Zone of Germany. Many Greek exporting firms maintain either wholesale agencies or dealers abroad, but others deal directly with large European or American importers of sponges. Sponges which are chemically cleaned, bleached, and graded in wooden boxes, are supplied to the British market. All other markets receive their supplies in a natural state, but shorn and stoned, or delivered packed in bundles of from 10 to 30 kilos. An increase of 50 per cent. has occurred in prices of first quality sponges, delivered in their natural state, since 1948.

The sponge fishing season in the Eastern Mediterranean basin commences in the middle of April and continues until about the end of October. Kalymos Island in the Dodecanese is the main centre of the diving trade, handling more than half of the total fished in this area. Recently the Greek Government passed a law governing the conditions of employment in the industry and imposed various measures to assist the development of sponge fishing.

THE PROFESSION IN PRACTICE

2.—The Apothecary's Shop, High Street, Rye, Sussex



E Apothecary's p (the exterior which is illus- ed), situated at corner of the h Street, Rye, sex, and now ned by Mr. anley Barter, P.S., was estab- ed as a phar- cy in 1787, but le is known ut its early his- y. For many rs, however, it s owned by essrs. Plomley & aters, and Mr. rter bought the ole of the cor- premises in 1937 (after previously be- in business in Brockley, London, .4, and Worthing). Apprenticed with rington & Son, of Leighton Buzzard in 99, Mr. Barter then went as an assistant Vines & Frooms, Aldersgate Street, Lon- n, E.C.1, and, later, was an assistant at Malvern, Leamington, Guildford and the West-end of London. He qualified in 1913 after study at the London College of Pharmacy. During the 1914-18 war he was manager for Holman Ham & Co., Brixham, Devon, and, on leaving, went into business on his own account.

SIMPLIFIED BOOK-KEEPING

By S. Howard Withey, F.Comm.A.

11.—Expenses and Percentages

IN order to keep a grip on shop expenses and for purposes of general control and comparison it is becoming the practice for retail chemists to ascertain the relation which each group of management and working expenses bears to the net turnover for the period under review, and to do this the various items contained in the trading account—such as stocks, purchases, wages, repairs and renewals, lighting, heating and cleaning, etc.—are reduced to a common basis to indicate the directions in which economies can be effected without adversely interfering with the efficiency of sales or service.

Ratio to Net Sales

By taking the figure of net sales for the period as representing 100 and determining the exact ratios the other items in the account bear to that total, the charges and expenses incurred can be resolved into percentages, and experience has proved that in many instances the results of the trading can be viewed in much clearer perspective than by a mere presentation of trading figures. By ruling an additional column on each side of the final account for the insertion of these percentages, the figures can be readily compared with those relating to other periods and all fluctuations are revealed, providing the calculations have been uniformly made. Some retailers prefer to ascertain the percentage of profit upon cost, but as a rule it is more useful to work out the profit percentage in relation to return and to prepare regular monthly statements on that basis.

To find the percentage upon cost, the amount of profit shown in the periodical trading or profit and loss account is multiplied by 100 and the result divided by the figure representing cost. For example, if the total value of the stocks on hand at the commencement of the period is £900, while the closing value is shown to be £1,050, and if the trade purchases during the period amounted to £8,000 (after deducting all returns outwards and allowances obtained in lieu of actual returns), while the net sales totalled £13,000, the amount of gross profit would be £5,150 and would represent 65.6 per cent. of the cost. On this basis the net sales would be 165.6 per cent. of the cost, but if turnover is taken as the basis of cal tion the gross profit would be 39.62 cent. and the cost 60.38 per cent., viz

Debit	£		
To Opening stocks	900	—	
Purchases	8,000	—	
Gross profit	5,150	—	
	£14,050		1
Credit			
By Sales	13,000	—	1
Closing stocks	1,050	—	
	£14,050		1

A relatively low percentage of p may result from failure to yield volume of sales anticipated, or it may due to the high cost of materials and st used, or to excessive management exper and it is by comparing the percent with those relating to previous periods traders are able to effect economies ur certain heads.

Value of Comparisons

While some proprietors are still incli to interpret net profit in relation to amount of capital that has been inves in the business, others are able to put figures disclosed in the final accounts other uses, which may prove more adv tageous in the tracing of losses and prevention of waste. It may be that a co parison of the net sales with the cost say, lighting, heating and cleaning char for a given period may reveal little t is not already known, but if comparis are made over a number of years mu valuable information may be obtained. mere preparation of statements of fac essential as such statements are at times, should not be regarded as sufficie to judge the progress of business or appraise the results, and under the co ditions that now prevail the tracing of lea ages and extravagant expenses is great facilitated by a systematic examination all items and by a suitable classification the expenditure.

Donation to Forces Charity.—Imperi Chemical Industries, Ltd., have contr buted £250 to the Forces Help Societ and Lord Roberts' Workshops.

ZANZIBAR PRODUCE

Report of Zanzibar Clove Growers' Association

REPORT covering the fourth quarter d June 30, of the seasonal year 1948- was issued recently. Small supplies loves, remaining over from the pre- s crop, continued to come forward the season closed with a crop of 671 frasilas (approximately 6,135½ having passed through the local mar- for the crop season.

he first part of the 1949-1950 (mwaka) crop is now well advanced and small ngs have already been made. It is ated that the mwaka crop in Pemba produce some 120,000 frasilas and ibar some 40,000. The second part he 1949-1950 crop (vuli) is showing abundantly in the north of Pemba in Zanzibar generally, but is scarce in r parts of Pemba. There is however y prospect of a total crop of 5 lakh las. It is proposed to take steps to te the small outbreaks of "sudden h" disease (see *C. & D.*, July 30, 59) in Pemba as a means of prevent- its spread. The proposal is to cut 60,000 trees, or 1.5 per cent. of the clove tree population of the Protec- te. The effect on the crop outlook this and future years is thus negligible, icularly in view of the large number oung trees which continue to come bearing.

plies of Cloves

upplies for the three months, have lled 740,787 lb., of which 738,451 lb. ed through the Zanzibar Central Mar- and 2,336 lb. through the Associa- 's depôt. The greater part (676,355 of these supplies was the produce of ba, Zanzibar producing only 64,432 The Association's buying and selling es for the quarter remained unchanged. Association's minimum buying prices the period commencing July 1 and ing June 30, 1950, constitute an ad- ce of Shs. 2 for all grades other than eta, in Zanzibar island, and a smaller ance in the case of Pemba, due to in- ses of freight, handling and other rges. The Association's selling prices 100 lb. ex bulk, ex duty, to exporters y, usual contract, as from July 1, are follows:—Grade I, Shs. 74.50 (nomi-); Grade II, Shs. 72.00; Grade III, . 69.00 (nominal). The latter prices stitute an advance of Shs. 5 over those previously in force for all grades. Average price in June for fair quality cloves in the open market was Shs. 70.42 compared with Shs. 69.52 in the previous month.

Exports for the quarter continued at a low level, and India was the most important market, taking 13,210 bales (1,849,445 lb.), or 72.59 per cent. of total exports. The United Kingdom took 707 bales (98,980 lb.), or 3.88 per cent. of the total. The Association supplied 382,130 lb. only for export, under the terms of the Clove (Minimum Percentage of Exported Cloves) Order, 1948, whereby 15 lb. of every 100 lb. exported must be purchased from the Association. The clove export duty during the period remained unchanged.

Clove Stems and Oil

Stem arrivals during the quarter were insignificant, totalling 8,361 lb. Such a decline in supply is usual between seasons. The total arrivals taken into stock for the seasonal year July, 1948, to June, 1949, was 3,144,238 lb. During the period April-June, 1949, 535,429 lb. stems were used for distillation purposes. Since May the Association's distillation plant was closed down due to lack of raw materials. Exports of oil totalled 46,211 lb. during the quarter, the United Kingdom taking 43,924 lb.; South Africa, 2,240 lb.; and East Africa, 47 lb. The Association's buying prices for commercial quality clove stems, per 100 lb., during the period July 1, 1949, to June 30, 1950, are unchanged despite increased freight and shipping charges between Zanzibar and Pemba, but there is a reduction of Shs. 2 per 100 lb. in the price of the lower grade.

Other Produce

The Association's exports of coconut oil for the quarter totalled 2,581,342 lb. (approximately 1,153 tons), of which the United Kingdom took 1,515,326 lb. The price paid by the Association, on behalf of the Ministry of Food, for coconut oil for the year 1949 is £89 per ton, f.o.b., naked. The Association's guaranteed minimum price for chillies was renewed as from June 1 and remains unchanged at Shs. 60 per 100 lb. Exports for the quarter were 4,933 lb. to the United Kingdom.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quai ties of standard quality. Prices of crude drugs and essential oils vary as to brand or gra

28 Essex Street, W.C.2, Aug. 17

HOME-TRADE business in PHARMACEUTICAL CHEMICALS continues on a low level, although there is a fairly substantial volume of export business. Prices are unchanged on the week. In CRUDE DRUGS the market for IPECACUANHA is hardening; offers of Nicaraguan from origin are not forthcoming and supplies on the spot are small. High c.i.f. prices are reported to have been paid for what is reputed to be new-crop Portuguese ERGOT. Alexandrian SENNA PODS are in good demand on the spot, although there are no stocks of No. 1 quality. The spot trade in Tinnevelly sennas is relatively small. Chinese RHUBARB is tending firmer on spot. MENTHOL is a firm and active market. Prices of GUM ACACIA have risen, reflecting a firmer primary market in the Sudan. Supplies of African GINGER are difficult to find and the market is firm. In ESSENTIAL OILS markets, Chinese oils, such as STAR ANISE and CASSIA are very firm. A good inquiry has been received for CITRONELLA; supplies of both Ceylon and Java oils are short on the spot. MANDARIN (Tangerine) has been removed from the distribution scheme of the Essential Oils Control.

U.S. Drug and Chemical Report

New York, August 12

SEVERAL price adjustments have been reported from the PHARMACEUTICAL and FINE CHEMICALS market; PODOPHYLLIN has been received for CITRONELLA; sup- 100-lb. lots, to $12.45; BRUCINE has been advanced five cents per oz., to 45 cents for the ALKALOID and 35 cents for the SULPHATE; BUTYLALDEHYDE is two cents cheaper at 16 to 17½ cents per lb. A substantial reduction has been announced in CAFFEINE ALKALOID prices; U.S.P. powdered material is now quoted at $3.80 per lb., against $4.75 previously, and anhydrous material at $4.00, against $5.00 previously. The reduction has been made possible by the development of a new manufacturing process for caffeine, which is said to have eliminated the need for foreign raw material, and production economies. Both pharmaceutical and cosmetic grades of LANOLIN continue in tight supply, because of the decline in imports and the uncertain outlook regarding domestic production. Despite limited buying on the CRUDE DRUGS market, a few articles are reported firmer; among them, SENEGA and ERGOT: the latter has been advanced a further five cents per lb., to $2.25 on the inside. Belgian VALERIAN ROOT is another drug in difficult supply in the spot market. RHUBARB is also short. T downward trend which started in MENTH last week has been extended and this m erial is now available at $10.90 per l against $11.10 previously. The decl is attributed to a restricted domestic mand and reports of new arrivals a shipments from Brazil and China. A firm tone is reported from the ESSENTIAL OI market, notably in such items as CLOV BERGAMOT, PATCHOULI and Italian LEMO Higher prices quoted in Italy for bergam resulted in the U.S. market advancing cents per lb., in the period under revie to $4.35—$4.65 per lb. CITRUS OILS co tinue in good demand. LIME is easier $7.00 per lb.

Pharmaceutical Chemicals

ACETONE. — Prices are unchange Makers' contract rates per ton are as fo lows:—In 40/50 gall. drums: Less th 1 ton, £70; 1 ton, £69; 10 tons to 50 ton £68; 50 tons and over, £67. Small quantities are quoted at £90 per ton 5-gall. drums and £85 per ton in 10-ga

ADRENALINE.—B.P. is quoted from 3s. 3s. 6d. per gm. for natural and 2s. 2s. 6d. for synthetic; racemic, 2s. per gr

p-AMINOBENZOIC ACID. — Makers' pric are from 35s. to 38s. 6d. per lb. Th SODIUM SALT is 37s. 6d. to 41s. per lb.

AMMONIUM CHLORIDE, B.P. — Stead Makers quote 1-cwt. lots at 9½d. per lb.

ASPIRIN. — Steady. Home-trade pric for POWDER is 3s. 5½d. per lb. in 10-cw lots and 3s. 7d. per lb. in 1-cwt. lot Scheduled rates per lb. for quantities o 28 lb. and under 1 cwt. are: 4s. 6d. (1-lb containers); 4s. 5d. (2-lb.); 4s. 4½ (4-lb.); 4s. 3½d. (7-lb.); 4s. 3d. (14-lb.) 4s. 2d. (28-lb.). Net one month. Rate per 1,000 for bulk supplies of TABLET are: Under 5,000, 3s. 9d.; 5,000 and ove 3s. 7d.; 10,000, 3s. 6d.; 25,000, 3s. 4d. 50,000, 3s. 3d.; 100,000, 3s. 2d.; 250,00 3s. 1½d.; 500,000, 3s. 1d.; 1,000,000, 3s.

BARBITONE. — Quotations are fron 41s. 6d. to 43s. 3d. per lb.; the SODIU derivative is offered at from 42s. 6d. t 43s. 3d.

BENZOIC ACID. — Makers' quotations fo pharmaceutical quality are from 2s. t 2s. 10d. per lb., as to quantity.

BETANAPHTHOL.—Makers quote price from 2s. 9½d. to 3s. 1½d. for B.P. quality packed in 28-lb. packages.

CALCIFEROL.—1 kilo is quoted at 7s. 6d per gm.; 500 gm., 7s. 7d. per gm.; 100 gm. 7s. 8d.; less than 100 gm., 7s. 9d. Supplie in ampoules of capacity 5 gm. or more,

HLORAMINE.—B.P. grade is from 2s. 5d. 2s. 9d. per lb. and 98 per cent. technical 2s. 2½d. to 2s. 5d. per lb., according to ality.

HLOROPHYLL.—Pharmaceutical quality ffered at 60s. per lb.; soapmakers' grade vailable at 17s. 6d. per lb.

HRYSAROBIN. — Quotations are from s. per lb. (1-cwt. lots) to 35s. 9d. per (14-lb.). In good request.

ITRATES. — Prices are as follows:— TASSIUM, 5-cwt. lots, 2s. 10½d. per lb.; cwt., 2s. 11½d.; scheduled prices for ntities of 28 lb. to 1 cwt. are (conners in brackets): 3s. 9½d. (1-lb.); 8d. (4-lb.); 3s. 7d. (7-lb.); 3s. 6½d. 4-lb.); 3s. 5½d. (28-lb.); IRON AND AMNIUM CITRATE, B.P., 7d. per lb. more; DIUM, B.P., 3d. per lb. less; powder, 1d. r lb. extra.

ITRIC ACID, B.P. — Steady. Makers' ote 1s. 5½d. per lb., less 5 per cent. for wt. lots, delivered in the U.K.

OCAINE.—Rates per oz. are: ALKALOID, TRATE and SALICYLATE, bottles, ¼-oz., s. 6d.; ½-oz., 62s.; 1 oz., 60s. 6d.: 2-oz. s.; 4-oz., 58s.; 8-oz. 57s. 3d.; 16-oz., s. 4d. Tins 25-oz., 53s. per oz. HYDROLORIDE, NITRATE and SULPHATE, bottles, oz., 58s. 3d.; ½-oz., 55s. 3d.; 1-oz., 53s.; oz., 52s. 6d.; 4-oz., 51s..; 8-oz., 50s. 6d.; -oz., 47s. 3d. Tins, 25-oz., 46s. per oz. ckages free, net monthly account, carge paid.

YCLOBARBITONE. — Makers' prices for all quantities are from 79s. 5d. to s. 11d. per lb. The CALCIUM derivative available at the same prices as the base.

IAMORPHINE.—Makers' rates per oz. e as follows:—ALKALOID, ½-oz., 63s. 6d.; oz., 61s.; 2-oz., 59s. 6d.; 3-oz., 58s. 9d.; oz., 58s. 6d. HYDROCHLORIDE, ½-oz., s. 3d.; 1-oz., 55s. 9d.; 2-oz., 54s. 3d.; oz., 53s. 6d.; 4-oz., 53s. 3d.

METINE.—Steady. Makers' rates per . are as follows: HYDROCHLORIDE, 1 oz., 7s.; 4 oz., 180s. 16 oz., 177s. 6d.; 32 ., 175s. BISMUTH IODIDE, 1 oz., 96s. 6d.; oz., 95s.; 16 oz., 93s. 6d.; 32 oz., 92s.

THER.—Current rates for the home ade are as follows: SOLVENT, B.P., 1 n, 1s. 10½d.; 10 cwt., 1s. 11½d.; 5 cwt., . 0½d.; smaller quantities, from 2s. 1½d. 2s. 6d. per lb. ANÆSTHETIC, B.P., 1 n, 2s. 5½d.; 10 cwt., 2s. 6½d.; 5 cwt., . 7½d.; 1 cwt., 2s. 8d.; smaller quantities, om 2s. 9½d. per lb. TECHNICAL is 1½d. per . less than solvent ether. The foregoing ices are for ethers packed in winchesrs; in carboys or drums prices are 1½d. r lb. less.

GUAIACOLS.—LIQUID is offered at prices om 14s. 6d. to 16s. 6d. per lb., and crysl and CARBONATE, 14s. to 15s., according quantity.

HEXAMINE. — B.P. is quoted at from 1s. 8d. to 2s. per lb., as to quantity.

HEXOBARBITONE.—Quotations are in the region of 77s. per lb.

HOMATROPINE.—Makers' prices per oz., are as follows (prices per gm. in brackets): ALKALOID.—1 oz. 97s. 6d.; 4 oz., 92. 6d.; 16 oz., 87s. 6d. (4s.). HYDROCHLORIDE, HYDROBROMIDE and SULPHATE.—1 oz., 75s.; 4 oz., 70s.; 16 oz., 65s. (3s. 2d.).

HYPOPHOSPHITES.—Makers' rates per lb. for 7-lb. lots are: AMMONIUM, 9s. 3d.; BARIUM, 6s. 3d.; CALCIUM, 4s. 11d.; IRON, 9s. 4d.; MAGNESIUM, 7s. 9d.; MANGANESE, 8s. 5d.; POTASSIUM, 6s. 1d.; SODIUM, 5s. 7d. HYPOPHOSPHOROUS ACID.—In winchesters prices are around 6s. 2d. per lb.; in carboys, 5s. 10s. per lb. asked.

IODIDES.—Prices (per lb.) of minor iodides are as follows: AMMONIUM, B.P.C., 7 lb., 15s. 9d.; smalls, 16s. 3d.; ARSENIC (triiodide). 28s. 6d.; CADMIUM, B.P.C., 22s. CALCIUM, B.P.C., 19s.; ETHYL, 28s.; IRON, B.P.C., 14s.; LEAD, B.P.C., powder, 18s.; LITHIUM, B.P.C., 20s. 3d.; STRONTIUM, B.P.C., 18s. 6d.; ZINC, B.P.C., 19s. 3d.; MERCURIC, B.P., 7 lb., 14s. 3d., smalls, 14s. 9d.; MERCUROUS, B.P.C., green or yellow, 7 lb., 18s. 6d.; smalls, 19s.

ISOPROPYL ALCOHOL. — Makers quote 15s. 3d. per gall. for small lots.

MAGNESIUM OXIDE (B.P. LEVIS).—Prices for the home trade (per lb.) are as follows: Containers in brackets. 28 lb. to 1 cwt.. 3s. 5d. (1-lb.); 3s. 4d. (2-lb.); 3s. 3½d. (4-lb.); 3s. 2½d. (7-lb.); 3s. 2d. (14-lb.); 3s. 1d. (28-lb.) per lb. Larger quantities range from 2s. 4½d. to 2s. 6d. per lb. in 28-lb. packages, carriage paid.

PEPTONE. — Importers' quotations are from 13s. to 15s. per lb., as to quantity.

PHENAZONE.—Makers quote 1-cwt. lots at 24s. 6d. per lb.

PHENOBARBITONE.—Steady. Current quotations for 28-lb. lots are at 36s. 6d. per lb., and for 1-cwt., 35s. The SODIUM derivative is available at the same price as the base.

STRYCHNINE.—Makers' current rates per oz. are as follows:—

Compound	Under 25 oz.	25 oz. and under 100 oz.	100 oz. and under 500 oz.
	s. d.	s. d.	s. d.
Alkaloid ...	6 2	6 0	5 10½
Bisulphate ...	5 4	5 2	5 0½
Hydrochloride	5 11	5 9	5 7½
Hypophosphite	9 8	9 6	9 4½
Nitrate	5 11	9	5 7½
Sulphate (neutral powder No. 2) ...	11	9	4 7½
Sulphate (neutral crystal and powder)	5 6	5 4	5 2½

Crude Drugs

ACONITE.—Indian, on the spot, is offered at 275s. per cwt.; *napellus*, quoted at 3s. 10½d. to 4s. 3d., duty paid.

AGAR.—Steady. Kobé strip is offered at from 13s. 6d. to 15s. per lb., according to quality. South African powder, in tins in cases, is quoted at 18s. 3d. per lb., spot.

ALOES.—Prime Cape is offered at 115s. per cwt. on the spot; shipment, 105s., c.i.f. Curaçao is quoted at from 180s. to 185s. per cwt., spot, and Socotrine at 170s.

ANTIMONY.—Metal prices are: 99.6 per cent. regulus, £170 per ton, delivered; 99 per cent., £160; 70 per cent., crude, £130.

ARECA NUTS.—Quiet. Spot quotations are about 56s. 6d. to 57s. 6d. per cwt.

ASAFETIDA. — Quiet. Persian block on spot is offering at prices from £14 10s. to £24 per cwt., as to grade.

BALSAMS.—*Canada* on the spot is offered at from 12s. 6d. per lb. Parà *Copaiba*, B.P., 5s. 9d. per lb., on the spot, San Salvador *Peru* sellers at 4s. 9d. per lb., duty paid. *Tolu* is now offering at 9s. per lb., spot; afloat, 8s. 3d., c.i.f.

BELLADONNA.—Jugo-Slav root is priced at from 3s. 9d. to 4s. 9d. per lb., duty paid, as to test; shipment, 3s., c.i.f. Jugo-Slav leaves (BP.) are offered at 4s. 2d., duty paid. English leaves are offered at around 5s. per lb., as to test.

BENZOIN. — Steady. Sumatra good almondy block, on the spot, is offered at from £17 10s. per cwt.; shipment, £17, c.i.f. Siam block (small almonds), £118, c.i.f.

BISMUTH.—Metal is quoted at 10s. per lb., net, in minimum 5-cwt. lots.

BLACK HAW.—Root bark, on the spot, is offered at 4s. 6d. per lb., duty paid; tree bark, 3s. 3d., duty paid.

BUCHU.—Steady. New-crop short rounds, spot, 3s. 7d. to 3s. 9d. per lb., as to quality; forward, 3s. 5d. per lb., c.i.f.

CALABAR BEANS.—Steady. Spot quotations are from 10½d. to 11d. per lb.

CAMPHOR.—Chinese tablets are quoted at from 7s. 6d. (½-oz.); no offers of ¼-oz.; refined natural powder (B.P.), 6s. 3d. to 6s. 6d.; slabs (2½-lb.). 7s. 3d. per lb., spot, London, duty paid. English synthetic powder, B.P., is quoted at 5s. per lb., and technical at 3s. 9d. per lb., in 100-lb. lots.

CANTHARIDES.—Quiet. Chinese on spot is offering at 7s. per lb.

CAPSICUMS.—African on spot is offered at 95s. to 140s. per cwt., as to quality.

CASCARA SAGRADA.—Quotations for 1947 bark on the spot are at 175s. per cwt., duty paid.

CASCARILLA. — Quills are quoted at 1s. 5d. and siftings at 1s. 3d. per lb., spot.

CASSIA PODS (*C. fistula*).—East Ind is quoted at from 62s. 6d. to 65s. per c ex wharf London.

CHERRY BARK.—Thin natural is ste at 1s. 4½d. per lb., duty paid, ex stor

CLOVES.—No offers of Zanzibar on spot; 1s. 2½d. per lb., c.i.f., quoted August-September shipment. Madagas are 1s. 2d. per lb., duty paid; 1s. 1d. bond. Penang are quoted from 3s. to 3s. per lb., spot.

COCHINEAL.—Silver greys on spot quoted at 4s. 2d. per lb.; blacks, 4s. 9d

COCOA BUTTER. — Maximum control price is 4s. 4¾d. per lb., delivered.

COLCHICUM. — Corms on the spot offered at from 5s. to 6s. per lb., as to te seeds are 13s. per lb., ex wharf.

COLOCYNTH.—White pulp (B.P.) on s is 2s. per lb.; to arrive, 1s. 9d., landed

DIGITALIS. — English leaves, fr 2s. 3d. per lb.; powder, B.P., 5s. 9d.

ELEMI.—Quiet. Manila No. 1 gum quoted at 1s. 11d. per lb., spot London.

GALANGAL.—Supplies in bond are off ing at 97s. 6d. per cwt.

GALLS.—Steady. Persian blues quot on spot at 260s. per cwt.

GAMBOGE.—Siam pipe is offered at £ per cwt., duty paid; powder, 11s. per l

GENTIAN.—French natural is quoted 67s. 6d. to 70s. per cwt., on the spot.

GINGER.—Firm. African is nominal 250s. per cwt., spot. Jamaican No. quoted at 230s. per cwt, spot; No. 227s. 6d.; and No. 3, 225s.

GUAIACUM RESIN.—Steady. Quoted fro 2s. 4½d. to 2s. 6d. per lb., spot.

GUM ACACIA. — The market is firme Kordofan cleaned sorts, on spot, dear at 71s. per cwt.; August-September shi ment now quoted at 67s. per cwt., c.i. Bleached No. 1 is offered at 132s. 6d. p cwt., spot. Talha is unchanged at 47s. p cwt., spot; shipment, 39s., c.i.f.

HENBANE.—B.P. herb (*niger*) on spo 4s. 3d. per lb. Egyptian (*muticus*) at origi is quoted at 95s. per cwt., c.i.f.

HENNA.—Sudanese leaves are offered a 75s. to 80s. per cwt., spot; origin, 85 per cwt., c.i.f. Indian leaves on spot, 75

HONEY.—Agreed rates per cwt. for hone for manufacturing purposes are as follows In original packings for quantities of 1 cwt. or more, 96s.; less than 10 cwt., 105s. net, carriage paid. Refined repacked hone is available at the following rates per cwt. In 7-14 lb. tins, 145s.; 28-lb. tins, 130s. 56-lb. tins, 120s., carriage paid, subject t wholesale discount of 8½ per cent.

IPECACUANHA. — Supplies of Nicaragua or Costa Rican root on spot are difficul to find, and offers from origin are lacking. Colombian is quoted at 21s. 6d. per lb., c.i.f.

MACE.—West Indian blade is quoted at per lb. on the spot; prices of pickings from 2s. to 4s. 6d., as to quality.

MENTHOL. — Brazilian on spot, is oted at 62s. 6d., duty paid. An active rket.

NUTMEGS.—West Indian 80's, quoted at m 2s. 7½d., on the spot, and August-ptember shipment, 2s. 2½d. per lb., f.; sound unassorted, 2s. 1d., spot, and 8d., c.i.f. Singapore 80's are offered at 9d. per lb. on the spot; sound unsorted, 2s. 4d., spot.

PODOPHYLLUM. — Indian (*emodi*) is on er at from 310s. to 315s. per cwt., ex arf, as to resin content; American (*peltum*), on spot, 225s. per cwt. quoted for .q.

RHUBARB. — Chinese common round, on spot, is quoted at from 5s. 6d. to 6s., ty paid, according to fracture.

SEEDS.—Cyprus ANISE is quoted at 's. per cwt., duty free; and Turkish, 0s. per cwt., duty paid, all spot London. RAWAY.—Dutch is quiet at 107s. 6d. per t., duty paid, spot London. CELERY.—dian is firm. Sellers now quoting 1s. 2d. r lb., spot London. French is unchanged 1s. 3d. per lb., duty paid in London. RIANDER.—Market continues firm. Morco, spot London, is nominal at 45s. per t., duty paid; new-crop for August shipent on buyers' licence, is now quoted at s. per cwt., c.i.f. London. Argentine s been sold at 30s. per cwt., duty paid, t some sellers are now asking 35s. per t., duty paid, spot London. CUMIN.—arket firm. Cyprus for shipment is arer. Sellers now quoting 130s. per cwt., f. London; spot London is quoted at 5s. per cwt., and Indian, 150s. per cwt. ILL.—Indian is 55s. per cwt., spot Lon-n. FENNEL.—Indian, offered at 70s. per t., spot London. FENUGREEK.—Market m. Indian, 57s. 6d. per cwt., in London; orocco, 52s. 6d. per cwt., duty paid, spot ondon or Liverpool.

SENEGA.—Quiet. Spot quotations are at . 3d. per lb.; August-September shipent is offered at 5s. 6d., c.i.f.

SENNA.—Tinnevelly leaves, spot, No. 1, om 9½d. to 11d. per lb.; No. 2, ½d. to 8d.; No. 3, 6d. per lb.; Tinnevelly ods, hand-picked, 9d. to 1s. 5d.; manufacring, 5d. to 6d. Alexandrian pods, hand-cked, spot, from 4s. 9d. to 5s. 9d. per ., nominal; medium grades are 3s. to 4s.; anufacturing, from 1s. to 1s. 9d. per lb. lexandrian leaves, f.a.q., 1s. 2d. per lb.

STROPHANTHUS.—*Kombé*, 100 per cent., difficult to find on spot and prices up to 3s. 9d. per lb. have been asked.

VALERIAN.—Belgian natural is offering t 152s. 6d. per cwt., spot; cut and cleaned, 60s., duty paid.

Essential and Expressed Oils

ALMOND.—Sweet oil, B.P., on the spot, is offered at from 3s. 6d. to 4s. 6d. per lb. Bitter oil is quoted at from 27s. 6d. to 60s. per lb., as to grade.

ANISE.—In the absence of offers from Hong Kong, the spot market remains firm with drums quoted at 7s. per lb., and tins in cases, from 7s. 3d.

BAY.—Steady. West Indian on the spot is quoted at from 6s. to 7s. 6d. per lb.

CADE. — Steady. Spanish oil, B.P., on the spot, is offered at from 3s. to 3s. 3d. per lb. upwards.

CAMPHOR.—White oil on spot is quoted at from 2s. 3d. per lb., duty paid; forward, 1s. 10d., c.i.f.; brown oil, from 1s. 9d. per lb., spot, duty paid.

CASSIA. — Firm. Quotations are from 16s. 3d. to 16s. 6d. per lb., spot; no offers from origin.

CASTOR OIL.—Basic price of pharmaceutical quality is £116 per ton, naked, ex mill Hull. Prices of unrefined oils are: Firsts, £110; seconds, £103.

CINNAMON.—Steady. B.P. oil, 50s. to 60s. per lb. Bark oil is offered at 12s. per oz. Leaf oil, on the spot, 7s. to 8s. per lb., as to quantity.

CITRONELLA.—In good inquiry; supplies of Ceylon on the spot are low and 5s. per lb. is asked; August-September shipment, 4s. 4d., c.i.f. Java, August-September shipment, 9s. 6d., c.i.f., quoted.

CUBEBS.—Steady. Supplies of English-distilled offered at 50s. per lb.

DILL.—English-distilled oil is quoted at from 65s. per lb. for B.P. quality.

EUCALYPTUS.—Steady to firm. Spot quotations for 70-75 per cent. (B.P.) are from 3s. to 3s. 6d. per lb. for drums, as to seller; for shipment, 3s. 1d. to 3s. 3d., c.i.f., quoted.

FENNEL.—Quiet. Sweet oil quoted from 17s. to 18s. per lb., spot.

GERANIUM.—Bourbon on spot is offered at 56s. to 60s. per lb.; African is quoted at about 60s. per lb., spot.

GINGER.—Quotations are from 80s. to 185s. per lb., as to grade and seller.

GUAIACWOOD.—Dealers quote prices from 16s. to 18s. per lb.

LAVENDER.—French, 38-40 per cent., on spot, is quoted at from 14s. to 16s. per lb.; 40-42 per cent., 15s. to 17s. Spanish spike is from 7s. 3d. per lb., spot.

LEMONGRASS. — Firm. Spot quotations are 8s. 9d. to 9s. per lb.; shipment, 8s. 3d. to 8s. 5d., c.i.f.

OLIVE.—Importers' Associations' rate is 26s. 2d. per gall. of 9 lb., ex store, drums included. Additional charges are added for small quantities, according to costs of breaking bulk, containers, delivery, etc.

TRADE MARKS

(From the "Trade Marks Journal," August 3)

For industrial chemicals (1).—Heraldic designs incorporating initials T & K; by Durham Chemicals, Ltd., Birtley; 672,826, 672,829 and 672,832. "PANCOPOL" and "PANCOTHERM"; by Powell Duffryn, Ltd., London, E.C.3; 674,936 and 674,937. "PRODOR-PLAST"; by Prodorite Ltd., Wednesbury; 671,901. "TEMGAS"; by the Gas, Light & Coke Co., London, W.8; 669,707.

For wood preservatives (2).—"RESKOL"; by Richardson & Starling, Ltd., Winchester; 673,871.

For non-medicated toilet preparations (3).—"BLUE GRASS FLOWER MIST"; by Elizabeth Arden, Ltd., London, W.1; 663,999. "COSMANA"; by D.D.D. Co., Ltd., London, E.C.4; 675,304. "DANA" and device of winged head; by Financiera de Perfumeria S.A., Panama City; B674,919. "ZERONIUM"; by Dae Health Laboratories, Ltd., London, W.1; 676,291.

For perfumes (3).—"TROPIQUES"; by Lancome S.A., Paris; B655,078.

For perfumes, toilet water, cosmetic cases and lipsticks (3).—"MOUCHE"; by Société Anonyme Parfums Marcel Rochas, Paris; 671,590.

For cleaning preparations (3).—"MAXEAN"; by Thomas Albert Keningale, Orpington; 672,177. "O-SAN"; by British Industrial Holdings, Ltd., London, E.C.2.

For hair lotion (3).—"TRIOLA"; by C. A. Stokes, Ltd., Bristol, 1; 675,618.

For pharmaceutical preparations (5).—"ATABAGICO"; by Peter Lawrence Ashworth, St. Annes-on-Sea; 676,064. "DUOSOM"; by Antigen Laboratories, Ltd., London, W.1; 676,449. "MULTEVAN"; by Evans Medical Supplies, Ltd., Liverpool, 19; 676,064. "STYLENOL"; by Eric William Styles, Devon; 659,399. "VITULES"; Boots Pure Drug Co., Ltd., Nottingham; 660,648.

For agricultural preparations (5).—"SULPHOCLOUD"; by Plant Protection, Ltd., Yalding; B667,628. "WEEDAWAY"; by the Lothian Chemical Co., Ltd., Edinburgh, 7; 670,496.

For antiseptic preparations (5).—"ALUMISAN"; by Archway Laboratories, Ltd., London, N.16; 672,694. "PRINSYL"; by the Prince Regent Tar Co., Ltd., London, W.C.2; 676,450.

CORRESPONDENCE

One-way Traffic

SIR,—I understand French pharma are complaining to their professional ganisation that their customers are con to English ports and obtaining dentu spectacles, etc., under the National He Service. Is reciprocity being sought this matter?

Yours faithfully,
A. G. I

Credit for Returned Empties

SIR,—Can your readers explain when I receive goods from manufactu or wholesalers not one forgets to send invoice and statement fairly quickly. when I return empties, with which always send a separate detailed claims r by post, there is a stony silence from m of my suppliers and I have to write or three times before I can get credit then, perhaps, not in full. In some c I have to claim from the railways to proof of delivery before I can get the c dit note. What is sauce for the goose evidently not sauce for the gander.

Yours faithfully,
Taunton. W. VARLEY.

A Link with Bunsen

SIR,—Some time ago you pubished formation on calomel and mention various workers who had contributed its history. No mention was made, ho ever, of Dr. Walter Harris, who for so years has lived in retirement near P mouth. After gaining his M.A. degree Cambridge, Dr. Harris continued studies at Heidelberg University. By th time, Bunsen had retired from lecturi but the English student was introduced him. I enclose a card received from Pr fessor Victor Meyer showing that a pla had been reserved for Dr. Harris in 189 Later Dr. Harris obtained his Ph.D. f a treatise on calomel at which time he w a world authority. The work was writt in German and later published — t authors' names being given as Walt Harris and Victor Meyer. I met D Harris again recently and, despite his mo than eighty years, he is still very aler and treasures his autographed pictures Bunsen and Victor Meyer—two nam known to every pharmaceutical student.

Yours faithfully,
Plymouth. E. C. BURROW.

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80/85% B.P. | 70/75% B.P.
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Since 1913, when the Mysore Department of Industries was instituted, the industrial development of Mysore has gone steadily ahead. Plans in hand to develop still further Mysore's vast resources will continue a record of progress that has earned for Mysore its proud title of "The model state of India." One of the most famous of its many products is sandalwood oil. Made in the Government sandalwood oil factory, strict supervision during every process guarantees a standard of purity and quality that is unequalled.

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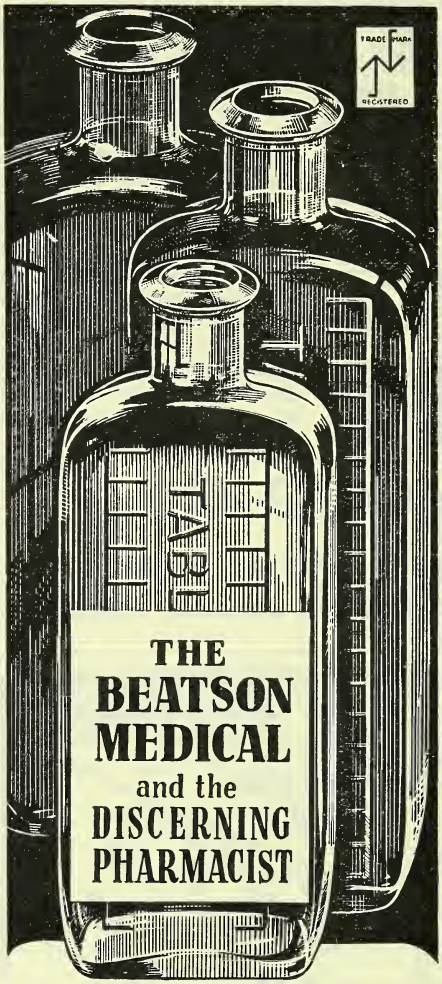

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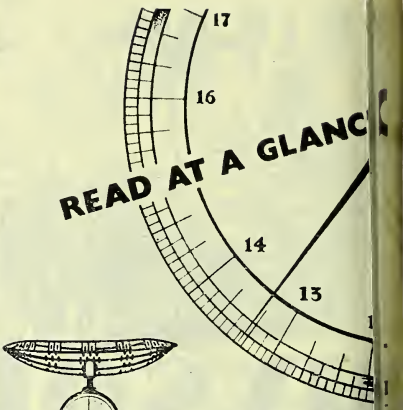

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We are now in a position to manufacture large quantities of Ampoule Files and invite inquiries

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have pleasure in announcing a range of specialised chemicals conforming to the new British Pharmacopœia, 1948 :—

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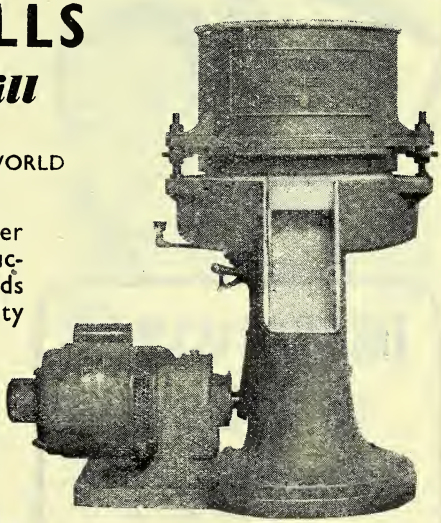
THIS Machine is a combined Mixer and Grinder and is used very successfully in the production of all kinds of Ointments, Tooth Pastes, Beauty Creams, Patent Foods, etc.

Each Machine incorporates Thirty Years' Accumulated Experience



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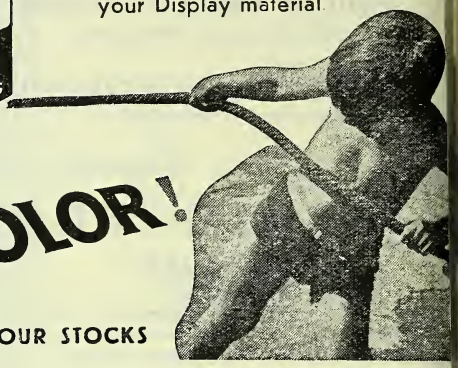

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Striking in its conception, beautiful in design and workmanship, delightfully packed, and priced to sell on sight.

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. . . it's *NOT* a plaster

BUT IT STICKS!

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THE ANTISEPTIC SELF-ADHESIVE BANDAGE STICKS TO ITSELF — BUT NOT TO THE SKIN

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l white soft wool with loop ends
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Although it is not free on N.H.S. there is a steady ever growing demand for the Polyestol Bandage. It is frequently prescribed by doctors. Recommendations account for an enormous number of users. National and Provincial advertising introduces it almost daily to rheumatic sufferers throughout the United Kingdom and Ireland. During its 60 hours of potent use it consistently releases in all approximately one third of its weight as Methyl Salicylate Vapour. The excretion of Salicylic Acid in the urine is about ten times that caused by 'rubbing in' Oil of Wintergreen Ointment, or Liniment over a similar area. Its pronounced analgesic action ensures prompt relief even in severe cases. This relief is prolonged; and Salicylic Acid is present in the urine as long as 48 hours and more after the Bandage is removed. Self-securing, it is fastened by simply tucking the end in under its last turn.

Retail selling price is 5/6. Order from your usual wholesalers or write direct to Dept. Z, address below.

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The film for every occasion

'20' '62' & '27' SIZES ON

We are pleased to announce that Focus Films will be available in slightly larger quantities this season — Trade enquiries invited

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In just one year—the first 12 months of trading—KARSWOOD CAT POWDERS have convincingly proved their excellence. A solid foundation has been built for future sales developments. Indications clearly show that the next twelve months will offer even bigger opportunities to retailers of this increasingly popular product. Get *your* share of rising KARSWOOD sales. Stock up *now* ! Retailed at 8 for 9d. or 24 for 1/9

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Highest quality at lowest prices

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RAPID RAT REMOVER

Always in demand!

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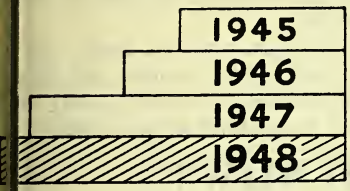
The Senior British Insecticide

BEST SELLER FOR 42 YEARS and increasing each year



EXTRA POWER brings in **EXTRA SALES** with **EXTRA PROFITS**

A strong advertising campaign is included in the 1949 SALES PLAN.

IT PAYS TO DISPLAY SECTO

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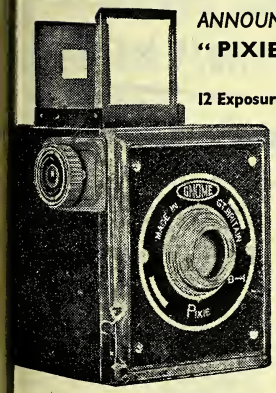
ANNOUNCE THE NEW

" PIXIE CAMERA"

for

12 Exposure 2¼" sq. (6x6cm)



- **Robust all Metal Construction**
- **Leatherette Covering**
- **Exposed Parts Chromed**
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- **High Grade Meniscus Lens**

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GET BACK YOUR EMPTY BOTTLES

(MINISTRY OF HEALTH)

WE HAVE LABEL SUPPLIES IN STOCK

AUTHORISED WORDING

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TOWNSENDS

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EXETER

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NEW, IMPROVED ARRI

over 8d. profit for you on every jar you sell! Retail price 2/5 including purchase tax

—the cream deodorant which also stops perspiration

WOMEN are clamouring in the shops r Arrid—the world's biggest-selling cr n deodorant which also stops perspiration. Ad tising is being increased, and with a str g national campaign running, the demand wil e something terrific!

Arrid sells on sight, and you make over on every jar. Easy, quick profits, and satis customers who'll come in for other goods! Yo be well advised to stock up without delay.

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***Details of special terms for ARRID, Carter's Little Liver Pills, and other products from* THOMAS MARNS LTD., 2 CAXTON STREET, LONDON, S.W.1**

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Drastic cuts in

'FEMEX'

Sanitary Towels

Femex No. 1.....18/- 2/-
Femex No. 2.....22/6....2/6
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High Quality unchanged

IMMEDIATE DELIVERY

WILFRED STRETCH & Co.
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CASTLETON · ROCHDALE

Take it from me these products
PULL THEIR WEIGHT

Satino

TOILET TISSUE

Satino Toilet Paper in rolls and Interleaved Super soft in boxes — Backed by Nation wide publicity.

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HOUSEHOLD TOWELS

A Boon t every hous wife. Supplie (Perforated) rolls. Further detai from addre below.

Details and Samples can be obtained from the manufacturers:

FREEDER BROTHERS PAPER MILLS
Brimsdown · Enfield · Middlesex
Telephone: HOWard 1847 (5 lines)
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ause of our heavy purchases immediately before war broke out. Our stocks still considerable and the high MBL standard will be fully maintained.

ERE IS NO SHORTAGE OF ANY OF OUR PREPARATIONS

		Retail Prices (inclusive of Tax)	CHEMISTS' PRICE Per unit Net	+	Purchase Tax	Per dozen Net	+	Purchase Tax
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TMENT	4 oz. tube	7/5	4/2½	+	1/5	50/5	+	16/10
	40 gr. „	3/8½	2/1½	+	8½	25/3	+	8/5
	20 gr. „	2/1	1/2	+	5	14/-	+	4/8
UID	40 c.c. bottle	3/8½	2/1½	+	8½	25/3	+	8/5
HTHALMO-ANTIPEOL								
gr. Nozzled Tube		3/8½	2/1½	+	8½	25/3	+	8/5
gr. „ „		1/9	1/-	+	4	11/11	+	4/-
INO-ANTIPEOL								
gr. Nozzled Tube		3/1	1/9	+	7	21/-	+	7/-
gr. „ „		1/9	1/-	+	4	11/11	+	4/-
TEROFAGOS								
of 50 ampoules		19/-	13/3½		None	159/7		None
10 „		4/3	3/-		None	35/8		None
5 „		2/6	1/9		None	21/-		None
TENSYL								
of 500 tablets...		43/-	24/-	+	8/-	288/-	+	96/-
e of 50 „		4/11	2/8½	+	11	32/4	+	10/10
JAMES' BALM								
of approx. 2½ oz.		3/1½	1/11	+	7½	22/6	+	7/6
„ 1 oz.		1/7	11	+	4	11/3	+	3/9

Carriage paid on all orders of 1 dozen or £1 and over.
Terms: NETT, Monthly Account.

EDICO-BIOLOGICAL LABORATORIES LTD., LONDON, S.E.25

CONTAINS NO RUBBER

OVAL TOILET SPONGES selling at 3/8d. and 2/9d. including P.T. are now available in *four delightful colours*—natural yellow, blue, green, pink (packed in dozens, standard assortment or all one colour)—a really fine contribution to your window and counter display.

THE SPONTEX BABY SPONGE—extra fine, extra soft, in natural yellow, blue and pink, beautifully wrapped. 2/5½d. including P.T.

THE SPONTEX COSMETIC SPONGE—7½d. including P.T.

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BECAUSE of its unsurpassed quality and its ready acceptance by the public, Wander Brand Malt Extract and Cod Liver Oil is a product which the pharmacist can recommend with full confidence, and in his own best interests. Wander Brand Malt Extract and Cod Liver Oil is outstanding in its field and its pharmaceutical excellence is recognised by physicians. The Cod Liver Oil used is the best obtainable and the Malt Extract is specially prepared by A. Wander Ltd. who are the leading authorities on its manufacture. These two ingredients are combined in the proportions recognised by the medical profession.

With its attractive appearance and toffee-like flavour, Wander Brand Malt Extract and Cod Liver Oil is thoroughly enjoyed by children and adults.

On the P.A.T.A.

Wholesale Prices: 1 lb. Jars **18/9**; 2 lb. Jars **35/-**
Exempt from Purchase Tax

Retail Prices: 1 lb. Jars **2/1**; 2 lb. Jars **3/11½**

NOTE: Also supplied if required with attractive labels bearing your own name, at the same wholesale prices.

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Now that Tampax Super Absorbent No. 2 is available, you can cater for every individual requirement. Where Tampax is displayed, women will readily buy, so display Tampax No. 1 and 2, side by side, and get more sales. *Regular Tampax No. 1—1/9d. per packet; 40 for 6/6d. Regular Tampax No. 2—2/- per packet; 40 for 7/6d.*

TAMPAX *Sanitary Protection Worn Internally*

TAMPAX LIMITED, SALES OFFICE: 110 JERMYN STREET, LONDON, S.W

"DUCKY"
—the *NEW* Nursery Essential
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It supersedes the old style chamber . . .

DUCKY is the answer to every parent's problem. It overcomes childish reticence at potty-time and with its friendly, amusing appearance it sells on sight. Made from smooth Akenite plastic in delightful new artistic shades of blue, pink, etc.,

TRADE PRICE 14/-
RETAILS AT . 21/-
(Plus Purchase Tax)

Wholesale terms and quantity discounts on application.
Display material available.

A Natural Additional Line
FOR CHEMISTS

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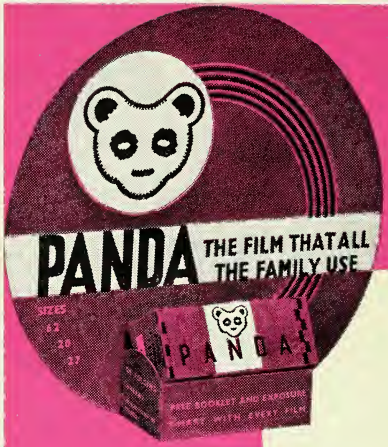
MAKES CHILDISH DUTIES FUN!

Trade enquiries to **ROY AITKEN & CO., 48, DUNDAS ST., GLASGOW, C.1**
Tel: **DOUGLAS 6581 (10 lines)** *Telegrams & Cables:* **ROYAITCO, GLASGOW**



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IT'S GOOD
IT SELLS ON SIGHT

BY PUBLIC DEMAND!
- SIZE RANGES INCREASED
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SPEEDY DELIVERY

SIZES
62, 20, 27, AND 116, 616
FREE ADVERTISING DISPLAY STANDS
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GOLDEN METAL

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A cosmetic sensation—a full-sized lip pencil of unsurpassable quality in a beautifully polished golden case, at the realistic price of 2/6. Each Joy Lip Pencil is mounted on an eye compelling counter display card which is its own shade card, the printed lips being the exact shade of the lipstick.

Six fascinating shades comprise the 'JOY' range — FLAME, BRIGHT RED, PINK ROSE, CHERRY RED, CYCLAMEN, DARK RED

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	Trade Price	P.T.	Profit	Retail Price
LIP PENCIL	12/- per doz.	12/- per doz.	6/- per doz.	2/6 each
JOY REFILLS	4/10 ,,	4/10 ,,	2/4 ,,	1/- ,,

Obtainable ONLY from Wholesalers and Chemist Sundriesmen

GRANVILLE PERFUMERY LTD
CARLISLE ROAD
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2/6 INCLUDING TAX

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An entirely new name in the sphere of quality films. A new base, a new emulsion. Panchromatic; anti-halation backed; 28 Sch. Please do not confuse our product with re-rolls or adaptions.

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All fully complying with the official standard
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The quality of Veedip rubber products is relied upon by H.M. Government departments in England and overseas, and by hospitals all over the world. The Veedip patented processes of manufacture are unique in achieving the virtues which make up this quality.

Veedip rubber is grainless and has the greatest resistance to tearing, is light in weight, odourless and durable. Veedip products can be sterilised time and again, are particularly suitable for use in the tropics, and cost no more than articles made by older methods.

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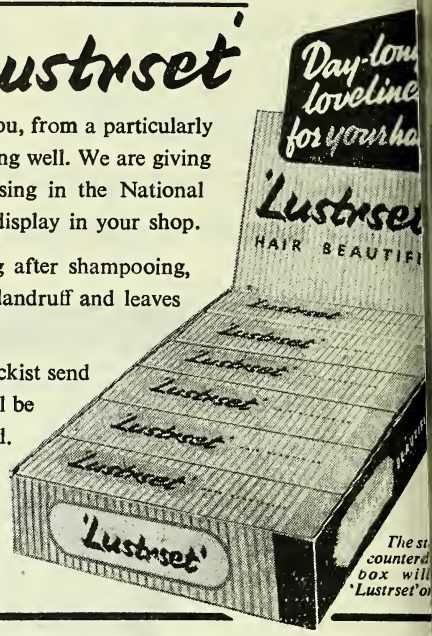
Profit and 'Lustrset'

—Profit for you, from a particularly good line that displays well and is selling well. We are giving this setting cream immediate advertising in the National Press, so make sure the pack gets a display in your shop.

'Lustrset' ensures easy, lasting setting after shampooing, rinse or 'perm'—prevents dryness or dandruff and leaves hair firm and glossy.

If you are not already a 'Lustrset' stockist send for fuller particulars NOW. People will be asking you for 'Lustrset'—as advertised.



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They're ideal for sv ming, for the bath or for use w dusting. That means regular sales r through the year !

Packed in individual window cartons. c are of red, yellow, pale-blue and whi Supplied in outers containing 4 do cartons, assorted.

Retail price in the U.K. 1/3 incl. tax

Only Wholesalers Supplied

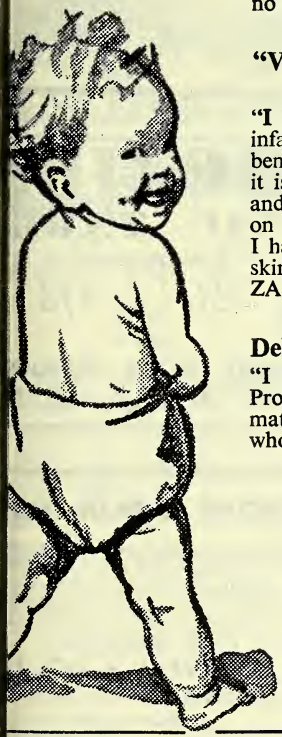
GROVEWELL L

656 Forest Road, Walthamstow, London, E

teful Mothers are asking for ZAC!
rses are strongly recommending it!

Are YOU getting YOUR Share of the Sales?

From all over the Kingdom—from Scotland to Lands End—come letters from grateful mothers and from nurses and midwives—in warm praise for ZAC Baby Products. Sales are mounting steadily. Are you getting your share? Read these letters:



Sore buttocks cleared after two applications.

"I have fifteen months' old twins and the larger baby is very prone to sore buttocks. After two applications of ZAC Baby Cream all signs of redness had completely disappeared. I have tried many creams and a prescription to no avail. I am indeed grateful to you"

Mrs. M. F.—Coventry.

"Very beneficial for sore buttocks and urine rash"

—writes a S.R.N.

"I have used ZAC Baby Cream on the buttocks of the infants at the Nursing Home and have found it very beneficial for preventing sore buttocks and urine rash. As it is so soft and "creamy" I have found it easy to apply and very good for removing meconium which has dried on the buttocks.

I have used ZAC Baby Powder for dusting the infants' skins after bathing and have advised many mothers to use ZAC Baby Cream and Powder."

A.G. S.R.N. S.C.M.—Tynemouth.

Delighted with results.

"I am delighted with the results from using ZAC Baby Products and I shall be pleased to recommend them in all maternity and midwifery cases, also to the aged and infirm whose skin needs special attention."

B.S. S.R.N. S.C.M.—Wilts.

ZAC

BABY CREAM
BABY POWDER
GRIPE MIXTURE

Manufactured by

HOUGH, HOSEASON & CO. LTD.

Atlas Laboratories · Levenshulme · Manchester

DISTRIBUTORS FOR EIRE. ARGUS CHEMICAL CO. LTD. 22 MARY STREET, DUBLIN

Back again...the FAMILY SIZE bottle

RETAIL 3/11 INC.PUR.TAX

Write for new price list and terms

THE FAMILY REMEDY FOR 75 YEARS

Vigorously Advertised

OWBRIDGE'S

—best seller in the country

W. T. OWBRIDGE LTD. · HULL

EVERY WOMA

sooner or later is troubled with

HAIR ON THE FACE

An intensive advertising scheme is te them how to remove it safely and e with

ADELAIDE GREY'S 'LALEE

WAX-A-WA

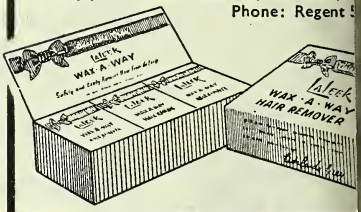
Recommended by Medical Profession. unpleasant odour. A best seller an Cosmetics. Retails at 7/9. Usual t discounts. Supplied in display carton ½ dozen.

Order through your Wholesaler. If difficulty, write direct to:

ADELAIDE GREY LTD

30(c) Old Bond Street, London,

Phone: Regent



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now packed in

2/- and 4/3

sizes

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KNOW YOUR COS

Why be worried with staff and overheads when send your products to us for packing. Output can be increased or decreased to suit pr markets, therefore, you are not committed to h stocks or staff and your overheads are cut to a mi

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Be prepared for bigger sales!

The Progress Shaving Brush Company has great pleasure in announcing an intensified retail sales campaign for Vulfix Service Shaving Brushes:

1) NATIONAL ADVERTISING CAMPAIGN. Over 30,000,000 press advertisements will appear during the next three months, adequately supported by extensive London Underground displays.

2) GUARANTEE. A two-years guarantee is given with every brush. The VULFIX Service Shaving Brush is a quality article and only PURE BRISTLES are used.

3) PRICES TO SUIT EVERY POCKET. We make four popular styles: Service No. 1, Service No. 2, Service No. 3, and Service No. 4. Fixed retail selling prices range from only 3/11 each. Here is a best-seller! Stock up now!

Contact your wholesaler or write direct:

VULFIX "Service" Shaving BRUSHES

PROGRESS SHAVING BRUSH Co., Ltd., Mottram Street, Stockport
49 Leadenhall Street, London, E.C.3.

HE BRUSH WITH THE TWO YEARS GUARANTEE

odbye to ex-R.A.F. & Paper Films!

You can now get PHOTOCROME, the new quality light-weight cellulose based orthochrome roll film at a very reasonable price.

Specially coated for us by a world-famous maker, with top quality 29° Sch. emulsion, ready for trade, attractively boxed, at usual discounts in 100 units.

iling P.20 and P.62 2/2½d P.27 1/11d.

ery guaranteed within 2 months of coating date.

biggest opportunity of the year . . . don't miss it!

BCM/Photocam London W.C.1

Photocam Auchencairn Castle-Douglas

Telegrams: Photocam Auchencairn

It's FERBER'S for CAPSULES

Makers of

'CALCIVITA'

capsules for the treatment of colds, chilblains and circulatory deficiency.

'VITAMAXA'

capsules—a multi vitamin capsule correcting dietary deficiencies and enabling a properly balanced vitamin intake.

QUOTATION AND FULL DETAILS ON REQUEST

Apiol
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Blauds
Carbon Tetrachloride
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Creosote
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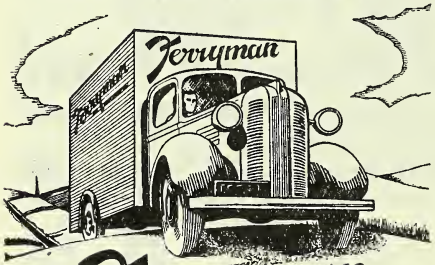
In bulk or packe

ROBERT FERBER LTD. CARLTON WORKS · ASYLUM ROAD · S.E.15 Phone: NEW GROSS 023

The SERVICE for the SOUTH



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Suppliers of Proprietaries, Drugs and Galenicals, Sundries and Packed Pharmaceuticals.

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PARA-AMINO SALICYLICA and the SODIUM SALT
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U.K. Agents for:

FARMACEUTI ITALIA S.A.

A PERTINENT REMINDER!

'TRAVIKALM'

Regd. Trade Mark

TAKE full advantage of the holiday season by recommending and displaying 'Travikalm' brand Travel Sickness Tablets which are

1. Nationally advertised
2. A unique combination of B.V.U. and hyoscine hydrobromide — safe and reliable
3. Showing an adequate margin of profit (up to 40% when bought on best terms)
4. A *C.F. product*

PRICE per tube of ten tablets:	RETAIL	TRADE
	1/6 (inc. 3d. Tax)	10/- per dozen

Attractively packed in 2-dozen counter display outers. Handi-Display Cards for shelf or counter on request.

Made by

GENATOSAN LTD.

A division of British Chemicals and Biologicals Ltd.

LOUGHBOROUGH · LEICESTERSHIRE

Telephone: Loughborough 2292

To whom all orders and enquiries should be addressed

T.40.A

A GOOD FAMILY LIN
WITH A STEAD
TURNOVE

HERBALENE, a nationally advertised herb laxative, has a deservedly high reputation, for gentle, *natural* action makes it suitable for you and old alike.

RETAIL PRICES
1/6, 2/6 & 3/8
Including Purchase Tax

Obtainable from wholesalers or direct from address below. Attractive show-card available on request.

TRADE PRICES
10/-, 16/- & 24/- per doz.
Plus Purchase Tax

Please enquire for details of how to obtain free a Rubber Door Mat advertising HERBALENE.

LUSTY'S NATURAL PRODUCTS CO

(C.D.) 278 LONDON ROAD,
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BROOK, PARKER
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Manufacturing Chemists

FOR half a century we have been one of the PRIMARY IMPORTERS into Britain of

HERBS - ROOTS - BARKS
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We can offer these either crude as imported, cut, crushed or powdered, or prepared for any purpose required.

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Ampouled Injections and Powder Ampoules in lar small quantities. Specialist production under e jenced Chemical and Medical supervision.

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TRANSPARENT BAGS
FLAT BOTTOM and GUSSET PLAIN and PRINTE
Please send your enquiries to:
F. W. CROOKES & SONS LTD.
Wharncliffe Works, Green Lane, Sheffield
who have now installed the MOST MODERN MANUFA TURING PLANT for TRANSPARENT BAG MAKIN

URICURE TABLETS
"SPECIAL" BACK & KIDNEY PILL
"MANOIDS" OCCASIONAL PILL
ASPIRIN TABLETS

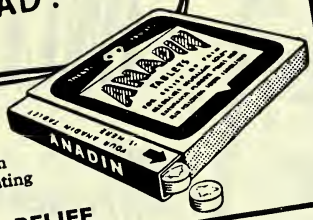
THE ACTON PILL & TABLET Co. Ltd.
ASH VALE, ALDERSHOT
(and all Sundries Houses)

A date with pain?

TAKE A COUPLE OF

ANADIN Trade Mark

TABLETS INSTEAD!



They work quickly and safely because, in them, pure Aspirin is balanced with Phenacetin, Caffeine and Quinine, the products known to fortify and sustain the effects of Aspirin whilst eliminating undesirable after-effects.

FOR SAFE AND QUICK RELIEF

This advertisement is one of a series now appearing in the principal Women's Magazines and designed to increase the high level of professional acceptance for 'Anadin'.

'ANADIN' is accepted by more and more women as the ideal analgesic for periodic pains. This high regard has been earned through the professional recommendation of doctors, dentists, nurses and welfare officers. Each month many thousands of professional people are mailed and serviced with samples for distribution to patients.

'ANADIN' Tablets are available in 2 sizes—20's in the "one-by-one" handy pack and bottles of 50. 'Anadin' can be included with other I.C.C. lines to qualify for co-operation discounts of 12½% on orders of £10 and over; 10% on orders of £5 and over.

ANADIN

PRODUCT OF THE INTERNATIONAL CHEMICAL CO., LTD., CHENIES ST., LONDON, W.C.1

For CHEMISTS ONLY

A NEW PROFITABLE QUICK-SELLING LINE

HOSTES
FRUIT SQUASH
Making a host of frie

RESTRICTE
EXCLUSIVEL
TO CHEMIST

GOOD PROFIT
RETAIL PRICE - per bot.
YOUR RETURN 33/- d
YOUR BUYING PRICE 24/9
YOUR PROFIT - 8/3
(equals 33⅓ on co

ATTRACTIVE VALU
And a quality you can confide recommend. The smart pack m a most attractive display.
Popular flavours. Orange, Lem Lemon and Orange, Pineap Applym (a Lime flavoured a juice cordial).

ORDER THROUGH YOUR USUAL WHOLESALE CHEMIS

CITRUS Products Co. Ltd. 87 Regent St. London,

It will make sore throats better and Summer trade brisker

if you sell

Simpkins

IODISED FRUIT PASTILLES

Iodised Fruit Pastilles, though a new line, have already proved to be most effective for parched, dry throats so prevalent in summer due to dust and heat. Available in the same pack as our other pastilles, 2 lb. display jars, 3 lb. tins, and packed tins to retail at 1/6d. They are a combination of Iodine, Phenol, Menthol and Methyl Salicyl, in assorted Fruit flavours (Lime, Orange and Lemon.)

A. L. SIMPKIN & CO. LTD. SHEFFIELD

PHARMACEUTICAL LABORATORIES ENGLAND

Firm Favourites!

with every member of the family . . . .

CUTICURA PREPARATIONS

(MEDICINAL AND TOILET)

SOAP · OINTMENT

TALCUM POWDER · SHAVING STICK

These grand aids for skin-care have been giving confidence and satisfaction for over 65 years. Profits are good — Advertising consistent and widespread. Sales-promoting window displays always at your service.

The following attractive products, each with a universal appeal, will shortly be added to the popular Cuticura Range:

HAND CREAM · BABY OIL

SHAVING CREAM · LIQUID ANTISEPTIC

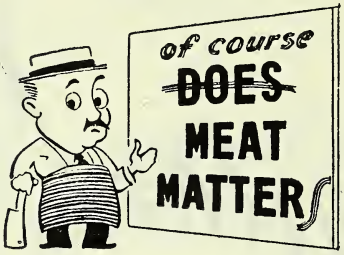
AFTER-SHAVE LOTION

British Distributors: **NEWBERY & PHILLIPS LTD.**
203, Victoria House, Southampton Row, London, W.C.1
TELEPHONE: HOLBORN 1564

for

THE POTTER DRUG & CHEMICAL CORPORATION
205-207, Victoria House, London, W.C.1

9FE



You can hear how much it matters by listening in the shopping queues!

Well, everyone's working hard, and the harder people work the more they hanker after good satisfying meals. And "a good satisfying meal" to most people means a meat meal. Nothing else (they feel) can give the same fine sensation of well-being. Nothing else (they think) can keep them in hard-working trim.

Of course medical experience shows that this is only subjectively true—that although most people are accustomed to *enjoy* meat, and miss it when they can't get it, other foods can supply, and, in fact, do supply, the amino-acids in which meat's nutritional value lies.

For those requiring a generous protein intake, Bemax will be found an invaluable supplementary food. Its protein content is higher than that of most other common foods and amino-acid analysis shows its protein to be more like that of 'animal' than 'vegetable' origin. Actually, weight for weight, Bemax supplies *more* protein than does lean beef and comparison of essential amino-acid contents shows it to be of *equal protein value* with beef.

* * * * * *

The recommended daily ounce of Bemax supplies in a week more protein than the meat ration (taken as steak). This in addition to its well-known vitamin contents!

Make sure you have sufficient **BEMAX** *in stock to meet the demand.*

VITAMINS LTD., UPPER MALL, LONDON, W.6

Victory·V

GUMS & LOZENGES N33

FRYER & CO. (Nelson) LTD., Nelson, Lancs

Complete Catalogue of Perfumery and Toilet P parations sent on request

All products obtainable from your usual wholesaler direct from

S. SIGAL & CO. LTD.

MANUFACTURERS OF EXCLUSIVE TOILET PREPARATI

47 TABERNACLE STREET, LONDON, E.

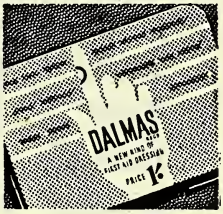
News from DALMAS of Leicester

ew *waterproof* protection for cuts

Heavy demand for Dalmas First-Aid Dressings

TO meet the nation-wide demand, we have further increased supplies of Dalmas, the *waterproof* plastic dressing that offers a totally new method of protecting cuts and minor wounds.

Dalmas gives 100% protection against water, dirt, grease and acid. So you need only cover the affected place and . . . no further trouble! You can actually *wash with it on.*



Display this box on your counter

Dalmas stretches *all* ways (not just one way). That's why edges stick tight, cannot fray, cannot catch in clothes. What'smore, Dalmas lessens infection risk, promotes safe and easy healing.

Dalmas is skin-coloured, hardly shows. In attractive blue-and-white counter sell-outs, containing three dozen 1/- boxes, price 8/- per dozen. Special quantity discounts. PLACE YOUR ORDER NOW!

A. de St. Dalmas & Co. Ltd.

LEICESTER (Phone: Leicester 65261)

***London Depot:* 140-142 St. John St., E.C.1 (Clerkenwell 3399)**

***Leeds Depot:* 14 Neville Street (Leeds 29764)**

Scottish Agents:
Robert Telford, 29 Waterloo St., Glasgow, C.2 (Central 2716)

A NEW-TYPE ADHESIVE STRAPPING

aterproof . . . has 101 First-Aid uses

MAS STRAPPING, a new *waterproof* cadhesive with 101 first-aid and other uses, is now in widespread demand everywhere. Because of this, supplies have been greatly increased.

spools are handy

Dalmas Strapping can be cut to any size, gives 100% protection against water, dirt, grease and acid. That's why it's specially suitable for uts, sore places, torn finger nails, etc. In cular, it is ideal wherever the fixing of dage would be awkward. Dalmas Strap- stretches *all* ways, so edges stick tight allowing free movement of joints and les. Attractive counter sell-outs contain e 1/- spools, each 1 inch by 1 yard, price r 24 spools, price 16/-. Also in 3-yard hs, and in 2 inch and 3 inch widths.

LMAS HEEL DRESSINGS. A new *terproof* dressing that is specially de- ned for sore and blistered heels. Handy xes, price 1/- retail.

LMAS FINGER-TIP DRESSINGS. new *waterproof* adhesive protection for cked, cut or sore finger-tips. Handy xes, 8/- per dozen, to retail at 1/- each.

LMAS BOIL PLASTERS. A new *terproof* protective dressing for boils. in-coloured, hardly shows. Handy boxes, ce 10d. retail, including tax.

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Surgical Chiropody

Most of the training necessary to qualify for a Diploma in Chiropody can now be taken at home by specialised correspondence lessons. Fullest particulars of how to enter this highly-paid profession from:

SCHOOL OF SURGICAL CHIROPODY
(Dept. CD)
LEATHERHEAD, SURREY

Now available **SACKERS HYGIENIC METAL COMBS**

Will remove Nits, Vermin from hair and scalp

All Enquiries: **SAQUERRE LTD. 62-64 BROOK STREET, LONDON, W.1**

S.T. I. SUN TAN POWDER comp.

Bottles. ½ oz. powder to 2 ozs. water Applied with wadding and gives the admired GOLDEN BROWN Skin Tint with smooth matt finish. Early orders appreciated. 7 lbs. lots at 2/9 lb. post paid.
Makes 224 x 2 oz. bottles.
CHEMICAL MNFG. LABORATORY LTD. DRAKE ROAD WORKS, TAVISTOCK, DEVON (Tavistock 497)

IF YOU HAVE RATS GIVE THEM A BISCUIT-

. : . but make sure it's a VEXTERM RAT BISCUIT, not harmful to pets, human beings or farmyard stock, but death to rats and mice. Clean, safe and easy to handle. From Chemists, Ironmongers and Stores everywhere. Price 1/6 & 5/9

VEXTERM
READY-BAITED
RAT BISCUITS

Agriculture and Fisheries Licence No. 10184

Manufactured by
BRITISH RODENT EXTERMINATOR CO. LTD.
PRATTS BOTTOM · FARNBOROUGH KENT
Phone: FARNBOROUGH 849

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For the S.M.C., B.O.A., I.C.O., and N.A.O. DIPLOMA Examinat

Particulars:—
C. A. SCURR, F.S.M.C., F.B.O.A., F.N.A D. Opt. F.C.O., M.P.
50 HIGH STREET, BARNET, LONDON.

ASPIRIN TABLETS B.P.
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Bulk or Packed
THREE CROWNS TABLET COMPANY
21-25 Derringham Street, Hull

PRE-PACKING & LABELLING
(We can now accept fresh orders)
LIQUIDS: From Bulk into any size bott from ½ oz.
POWDERS & TABLETS: Mixed and packed to custome Specifications.
J. H. WISEMAN & CO. LTD.
100 Blackstock Road, Finsbury Park, N

MOSANS PESSARIE

15/- per doz. boxes
any wholesaler

Announcing a New Book o

PHARMACEUTICAL EMULSIONS AND EMULSIFYING AGENTS

by L. M. SPALTON, B.Pharm., M.P.S

In recent years there has been bewildering increase in the number emulsifying agents available for use pharmacy. In this book they are class fied, with practical points about the pharmaceutical use. Names of man facturers of proprietary products a given—an index that alone makes t work indispensable to-day.

5/- POSTAGE 6d.

Orders accompanied by remittance should be sent
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The Chemist & Druggist SUPPLEMENT

HEAD OFFICE: 28 ESSEX STREET, STRAND, LONDON, W.C.2

Telephone: Central 6565 (10 lines) **Classified Advertisements must be prepaid.**

Telegrams: "Chemicus, Estrand, London" **For rates see sectional headings**

EIRE — NORTHERN IRELAND

ORRIDGE & CO. (Established 1846)

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UNTY ANTRIM. Vendor going to Africa. substantial Chemists' businesses for sale to- er or separately. Accountant's figures. Turnover 00 per annum and approximately £4,000 per um respectively. Good profits. Assistants em- ed. Living accommodation. Excellent Fixtures Fittings estimated at £700 and £300 respectively. d, clean saleable stocks worth about £1,300 and 0. Rents £150 per annum and £60 per annum ectively. Tenure secure. Total inclusive pur- e prices required £2,400 and £2,300. Excellent e for optics. Full particulars upon application.

IRELAND—BUSINESS TRANSFERS. We have established a department dealing exclusively with business transfers in Ireland. Our register of prospective purchasers ensures early and advantageous introductions and our experience can save you worry and loss. Our advice is freely available to any Pharmacist wishing to dispose of his business by reason of retirement or for any other cause.

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Branch Offices: 36 Cannon St., Birmingham, 2. Phone: Midland 6547
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rds 8/6 (minimum) then 3d. per word. Box 2/-

SALE. Insecticide business (DDT) complete registered trade mark and substantial stocks, ing some 20,000 tins, concentrated DDT r, literature, etc., and full manufacturing ies with famous London laboratories. £450. , Aslan Bros., 90 Lower Thames St., London,

THOROUGHFARE of good-class seaside re- W. Som. Photographers' shop, studio and n flat over. Ideal situation as chemists; agents. £9,000 freehold. Offers invited. /622.

CHESTER DISTRICT. Well established family ss with good N.H.S. Turnover (increasing) £5,000. Net profit estimated well over 0. Property on lease. Price asked £2,400 stock, approx. £2,000. Also excellent house mediate vicinity. Redecorated throughout and cellent state of repair. £1,650. Apply Box

IINENT COAST TOWN. East. Main road, ent position private chemist. Freehold, n premises for sale, including double-fronted all new fittings, two rooms at rear, near doctors, very nice living accommodation. sive figure. Stock if required. Box 6/635.

SUSSEX COAST. Good main road position. Old-established drug stores and photographic agency, for sale as owner retiring. Outer and inner shops, 5 living rooms and bathroom, nice garden. Freehold, goodwill and stock, all at £4,500 for quick sale. Details from Sole agents, West & Hickman, 50 Havelock Rd., Hastings.

APPOINTMENTS

2/6 per line (12 lines = 1"). Box 2/-

GREENWICH AND DEPTFORD HOSPITAL MANAGEMENT COMMITTEE

THE MILLER GENERAL HOSPITAL, GREENWICH, S.E.10

Assistant Pharmacists required at the above hospital. Salary and conditions of service in accordance with experience and J.N.C. recommendations. Modern well-equipped department. Excellent experience for newly qualified persons. Successful applicants will be required to commence duties approximately September, 1949.

Applications, giving full details, together with copies of not more than three recent testimonials, should reach the Secretary to the above Committee, St. Alfege's Hospital, Vanbrugh Hill, Greenwich, S.E.10, as soon as possible.

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Phone : Walsall 5948
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Manchester 1
Phone : Central 0877
141 Bath St., Glasgow
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Chemists' Transfer Agents, Stocktakers and Valuers
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BUSINESSES FOR DISPOSAL

A.1. South London. Well-established pharmacy with good medical connections. Turnover for last financial year approached £14,000. Rent £300 per annum less sub-let £175. The premises occupy a first-class trading position. Total capital requirements approximately £6,500/£7,000. Well recommended.

A.2. London Area. Three very profitable photographic businesses are offered for sale by private negotiation. The combined net profit for 1948/49 amounted to nearly £4,000. The shops can be acquired jointly or separately, preferably the former. Capital requirements will approximate £15,000. The businesses are all conducted under management and are fully staffed. Where necessary, we have been asked to obtain bankers' references or other assurance of financial standing.

A.3. Midlands. Drug Store in large industrial town. Turnover for last financial year £3,709. Scope should exist for appreciable development under qualified proprietorship. Immediate pharmacy opposition not heavy. Price £2,000 for the goodwill and fixtures, plus stock at valuation.

A.4. Putney Area. Drug Store offered for version to pharmacy. Turnover for last finan year £3,566. Premises occupy prominent co position beneath modern block of flats. P £1,000, plus stock at valuation (est mated £800/£1,000). Reasonable offer considere

A.5. Notts. Family business offering good sc for further development. Turnover for 194 £3,465. The price asked for the busines £2,000, which includes stock estimated at £ (to be taken at valuation). The property, u which a substantial mortgage could no doubt arranged, is also for sale at a price of £750. flat above the shop is at present sub-let.

A.6. Essex Town. Well-established business remunerative sub-Post Office. Net profit for rent financial year should exceed £2,500. large N.H.S. connection. Good living acc modation including 4 bedrooms, bathroom, rent £156. Total price approximately £5,000 which £1,000/£1,500 can, if necessary, be over an agreed period. This is an except ally high profit-earning business, and sh prove a first-class capital investment.

OFFICIAL VALUERS TO THE N.P.U. BUSINESS PURCHASE FUND

Appointments—Continued

BOTLEYS PARK HOSPITAL MANAGEMENT COMMITTEE

LOCUM ASSISTANT PHARMACIST

LOCUM ASSISTANT PHARMACIST required immediately at Botleys Park Hospital, Chertsey. Salary, £10 10s. per week. Applications stating age, qualifications, etc., should be sent to the Physician Superintendent, Botleys Park Hospital, Chertsey, Surrey.

CONNAUGHT HOSPITAL, WALTHAMSTOW, E.17

LOCUM PHARMACIST required from 5th-24th September, 1949. Salary 14 gns. p.w. Resident or non-resident. If resident, a deduction at the rate of £130 p.a

Applications, stating age, experience and names of two references, should be sent to The Secretary, Hospital Management Committee, Forest Group No. 11, Administrative Offices, Langthorne Rd., Leytonstone, E.11.

CONNAUGHT HOSPITAL, WALTHAMSTOW, E.17

ASSISTANT TO PHARMACIST required immediately (Hall certificate). Hospital experience preferred. Salary in accordance with J.N.C. scale. Applications, stating age, experience, etc., together with copies of two recent testimonials, to the Secretary, Forest (No. 11) Group Hospital Management Committee, Langthorne Rd., Leytonstone, E.11.

CONNAUGHT HOSPITAL, WALTHAMSTOW, E.17.

Pharmacist-in-Charge required from tember 19, 1949. Commencing salary wi the range of £420 to £475 per annum, ing by five annual increments of £15 t maximum of £495 to £550 per annum. plications stating age, experience and q fications, should be sent at once to the retary, Forest (No. 11) Group Hos Management Committee, Langthorne R Leytonstone, E.11.

HACKNEY HOSPITAL, LONDON, I

Applications are invited for :—
(a) SENIOR ASSISTANT PHARMACIST
(b) ASSISTANT PHARMACIST.
Vacancies occurring immediately.
Salaries (a) £415-£490 and (b) £370-£ respectively, commencing according to exp ence in the grades.
Apply as soon as possible, with copies of cent testimonials, stating qualifications salary required, to Secretary, Hospital M agement Committee, Hackney Group, I don. E.9.

HILL END HOSPITAL & CLINIC, ST. ALBANS, HERTS

DISPENSER (locum tenens), male or fem wanted immediately. Salary 7 guineas week. Apply, stating full particulars of exp ence to Medical Superintendent, Hill Hospital & Clinic, St. Albans, Herts.

ITISH ELECTRICITY AUTHORITY EAST MIDLANDS DIVISION

lications are invited for the post of an ISTANT CHEMIST at Longford Generat- Station, Coventry.

didates should have a good general labora- experience with some knowledge of metal- y. Preference will be given to candidates are Associates of the Royal Institute of mistry or possess equivalent qualifications. salary offered is in accordance with the .B. Schedule Class J Grade 9A £423-£443. post will be superannuable in accordance the British Electricity Authority's Super- uation Scheme when constituted.

plications should be submitted on the appro- te form, which may be obtained from the isional Establishments Officer at the under- tioned address and should be delivered to undersigned not later than 29th August, 9.

W. S. BURGE,
Divisional Controller.

ish Electricity House,
arker Gate,
Nottingham.
B/MA/63/2/3/53.

NGSTON HOSPITAL, WOLVERTON VENUE., KINGSTON-ON-THAMES

plications are invited for the following ap- ntments at the above hospital:—

PUTY CHIEF PHARMACIST.

ndidates should have had not less than three rs' experience in hospital pharmacy and ferably hold the qualification of Pharma- tical Chemist. Salary on the scale £425 x) x £525.

SISTANT PHARMACIST.

vious experience not essential. Salary on scale £370 x £15 x £450.

e salaries will be subject to modification in ordance with recommendations agreed by Pharmaceutical Whitley Council.

plications, together with copies of testi- nials or the names of persons to whom re- ence may be made, should be sent as soon possible to the Medical Superintendent.

ROMFORD GROUP HOSPITAL MANAGEMENT COMMITTEE

APPOINTMENT OF DEPUTY CHIEF PHARMACIST

plications are invited for the above non- ident appointment at Oldchurch Hospital, mford. This modern hospital of 750 beds, th specialist departments, is situated 12 les from London, and is well served by road d rail transport services.

plicants should have had not less than three ars' hospital experience after qualifying as a armacist. Salary in accordance with J.N.C. le, viz., £425/£20/£525 a year, plus one ditional increment of £15, if specially recom- ended, to a maximum of £540 a year.

e appointment will be subject (a) to passing satisfactory medical examination and (b) to e provisions of the National Health Service uperannuation) Regulations, 1947.

pplications, stating age, qualifications, present nployment and previous experience, and giv- g names of three referees, should be ad- essed to the Secretary, Hospital Management ommittee, Oldchurch Hospital, Romford, as on as possible.

MID-SUSSEX HOSPITAL MANAGEMENT COMMITTEE

Applications are invited from qualified persons for the appointment of GROUP PHARMACIST (new appointment) with the main Dispensary situated at Cuckfield Hospital. Salary in accordance with J.N.C. Scales. The position is subject to the National Health Service (Superannuation) Regulations and the person appointed will be required to pass a medical examination. Applications, stating age, qualifications and experience, together with the names of three referees, should be forwarded to the Secretary, Mid-Sussex Hospital Management Committee, Cuckfield Hospital, Cuckfield, Sussex, as soon as possible.

ST. HELENS & DISTRICT HOSPITAL MANAGEMENT COMMITTEE

COUNTY HOSPITAL, WHISTON
ASSISTANT PHARMACIST

Applications are invited from suitably qualified Pharmacists, male or female, for the above post.

Candidates need not necessarily have had previous hospital experience. Salary £370-£450 in accordance with the Recommendations of the Joint Negotiating Committee.

The successful applicant will be required to pass a medical examination. Applications, stating age, experience, etc., and accompanied by two recent testimonials, should be forwarded to the undersigned immediately.

N. RICHARDS,
Secretary.

Group Office,
County Hospital,
Whiston, Nr. Prescot,
Lancs.

THE ROYAL LONDON HOMŒOPATHIC HOSPITAL,

GREAT ORMOND STREET, W.C.1.

Dispenser, lady (unqualified) required with good experience. Salary in accordance with Joint Negotiating Committee scale. Apply, stating age and full particulars, to Pharmacist.

WEST LONDON HOSPITAL, HAMMERSMITH ROAD, W.6.

Applications are invited for the appointment of Assistant Pharmacist (male). Salary in accordance with the J.N.C. Scale. Applications, with usual particulars to the Chief Pharmacist.

WEST MIDDLESEX HOSPITAL

SOUTH-WEST MIDDLESEX HOSPITAL MANAGEMENT COMMITTEE

LOCUM ASSISTANT PHARMACIST required for the following period:—

22nd August to 1st October

Salary £8 8s. to £10 10s. per week, according to experience. Non-resident. Applications, with testimonials and full particulars of age, qualifications and experience, to the Chief Pharmacist West Middlesex Hospital, Isleworth, Middlesex.

Vacancies advertised are restricted to persons or employments excepted from the provisions of the Control of Engagement Order, 1947.

SITUATIONS OPEN

36 words 8/6 (minimum) then 3d. per word. Box 2/-

RETAIL (HOME)

A NEW SEMI-DETACHED HOUSE in good residential area, available for assistant pharmacist in Somerset town. Good conditions and large permanent staff. Box 6/624.

ASSISTANT for display, counter, photographic and dispensing. Active man with initiative required at once, or will wait until free. Good congenial, permanency for energetic man. Qualified preferred. Good salary. East London District line. Particulars to Box 6/597.

ASSISTANTS REQUIRED, men or women, qualified or unqualified, pr.cing stockbooks September to January. Central London. Five days, 9 to 6. Apply " L." Box A/318.

CHEMIST or chemist-optician required, male or female. Flat available. State wages required. Superannuation scheme. Applications to Hinchliffe Mill Ind. Co-op. Society, Ltd., 57-59 Huddersfield Rd., Holmfirth.

CORNWALL. Unqualified dispensing assistant required for N.H.S. and light retail. No Sunday duty. Please state usual particulars and salary required. Young, Chemist, Liskeard.

CROYDON. Unqualified lady assistant required mainly for dispensing in busy pharmacy. Excellent working conditions. Apply, with particulars of experience and salary required, to O. L. Carrington, 300 London Rd., Croydon.

CROYDON AREA. Qualified assistant, part or full-time, required. Dispensing and counter work. Box 6/582.

DEREK CLARKE, Edgware. Experienced, unqualified assistant. Essentially dispensing (lady or gentleman). Full time, approximately 42 hours per week. Shift work two late nights per week, 3-10. One Sunday in four, rota duty. Salary according to experience. Derek B. Clarke, 85 Station Rd., Edgware, Middlesex. Edgware 2061.

DORCHESTER. Unqualified dispensing assistant required (male or female) for family dispensing business. Good salary, liberal commissions, pension scheme. Full particulars to Retail Staff Dept., Timothy Whites & Taylors, Ltd., 70 Vauxhall Bridge Road, London, S.W.1.

EDGWARE. Pharmacist required. Essentially dispensing (lady or gentleman). Full time, approximately 42 hours per week. Shift work two late nights per week; 3-10. One Sunday in four rota duty. Salary according to experience. Derek B. Clarke, 85 Station Rd., Edgware, Middlesex. Edgware 2061.

EVANS MEDICAL SUPPLIES LTD. require several young pharmacists for dispensing and supervisory work. Salary according to qualifications and experience. Apply to The Manager, Evans Pharmaceutical Laboratories, 29 Fleet Street, Liverpool, 1.

FOLKESTONE. Unqualified dispensing male assistant required. Good salary and excellent prospects. Full particulars to Retail Staff Dept., Timothy Whites & Taylors, Ltd., 70 Vauxhall Bridge Road, London, S.W.1.

HENLEY-ON-THAMES. Dispenser wanted, male or female, qualified or unqualified. Good wages according to experience. Good lodgings available. Telephone Henley-on-Thames 211. Fairbairn, 24 Reading Rd., Henley-on-Thames.

KENSINGTON. Unqualified assistant for high dispensing business. Apply James Garner, 106 sington High St., W.8. Western 1845. (Op Underground station.)

LADY ASSISTANT for dispensing and cou Hours 9 to 6; half-day from 1 p.m. State references, etc. H. Wetton, Chemist, 27 St., Coventry.

LADY DISPENSERS with Apothecary Hall C cate are required by London Co-operative C ists, Ltd. Attractive salary, plus commissio offered in pleasant working conditions in mo well-equipped dispensaries, in the Ilford, We and Palmers Green areas. Application in fir stance, to Superintendent Chemist, Grange Leyton, E.10.

LONDON, S.W. Lady or gent superintenden quired for modern pharmacy. Newly deco flat vacant if necessary. Comfortable wo conditions. Easy hours. Fisher (Chemist), 413 Fulham Palace Rd., S.W.6. Putney 3101

LONDON CO-OPERATIVE CHEMISTS, LTD., i applications from experienced pharmacists branch managerial vacancies in pleasant subu areas. Modern, well-equipped shops with supporting staffs, attractive salary, generous mission, with payment for all rota duties. Posi permanent and superannuated, with excellent motion prospects. Choice of living accommoda house or flat, where required. Full particula to experience, wages required, etc., to Sup tendent Chemist, Grange Rd., Leyton, E.10

LONDON WEST END. Opening for unqua assistant. Permanency for keen man. No dis sing, convenient rota, no Sunday duties. S annuation and bonus schemes operating. Full tails to Box 6/625.

MANAGER REQUIRED for neglected shop in N London. Good salary and commission will paid to keen pharmacist who has confidence i business-building capabilities. Box 6/611.

NORWICH. Manager, qualified, male or fem for drug and cosmetic department in store. hour week. Permanency, attractive work, salary. Apply Manager, Jarrold & Son, Ltd., don St., Norwich.

OXFORD. Vacancy occurs for qualified assis in good-class dispensing business. Apply, gi particulars of experience and salary require W. K. Westlake, 255 Banbury Rd., Oxford. T 58348 or 58595.

PART-TIME DISPENSER/BOOKKEEPER wanted a firm of doctors in London, S.E.21 (Dulwi Tuesday and Wednesday, 2.30 to 7.30 p.m. T phone Gipsy Hill 2414.

PHARMACIST MANAGER of branch requi Three assistants kept. House available. A with full particulars including salary desired previous experience to:—The Secretary & Gen Manager. Morley Industrial Co-operative Soci Ltd. Albion St. Morley Leeds.

PHARMACIST MANAGER required for branch p macy. Not over 50. Ilford district. Large N.H medium class counter trade. Salary £9 per w and bonus. Also commission on scripts; minim £4 10s. per week. Apply with full particulars, 6/623.

PHILIP HARRIS, LTD., Edmund Street, Birmi ham, require the services of a qualified pharma in their dispensing department. The positio permanent and offers excellent opportunity advancement. Close 12.30 Saturday. Apply, writing, first instance, stating salary required.

QUALIFIED ASSISTANT, dispensing and count better class. Permanency. S.c. flat available. Sou end area. Box 6/613.

Situations Open—Continued

RAPHIC ASSISTANT. Young man required as photographic assistant. Chemist train- d be an advantage but not essential. Please ving full particulars and salary required. ospects. Wallace Heaton, Ltd., 127 New W.1.

ED ASSISTANT for pharmacy, Westcliff- Easy permanent position. Good salary, d s.c. flat immediately available. Box 6/614.

ED MANAGER required by small firm of Comfortable post and good salary and n offered to keen man. Superintendent st, 298 Cavendish Rd., S.W.12.

NORTH WALES). Unqualified (lady or n) required for dispensing and counter. ncy. Very pleasant working conditions. iculars age and salary, etc. Hampson & td., 25 High St., Rhyl.

IFIED ASSISTANT for dispensing and work. Good experience essential. Write, uibell, Ltd., 855 Finchley Rd., Golders W.11.

IFIED ASSISTANT with knowledge of hic darkroom work. Permanency. Apply orn, E.C.1.

ARTLEPOOL. Pharmacist, male or female, to manage modern, newly fitted branch New modern house available attached Adequate supporting staff provided. Super- n scheme. Salary £501 16s. per annum, fees, plus bonus scheme. Excellent pros- capable person. Apply giving particulars rience to Superintendent Pharmacist, ols Co-operative Chemists, Ltd., West ol.

LADY UNQUALIFIED for chemists office, ce section. Central London. Hours 8.30 Saturday, 1 p.m. Apply Box A/319.

LOCUMS WANTED

PHARMACIST and Dispensing assistant Mid-August to October. Lewis & Bur- d., 146 Holborn, E.C.1.

RETAIL (OVERSEAS)

CIST REQUIRED for American type drug Bermuda. Married man preferred. Good ity. Apply in first instance, stating quali- to Wates, Ltd., 1260 London Rd., S.W.16.

WHOLESALE

NTS REQUIRED . . .
ALL TERRITORIES TO HANDLE
ELL-KNOWN TOILET ROLL
ANUFACTURERS' PRODUCTS
SALARY AND COMMISSION
Box A/271

NT PHARMACIST (qualified) required by turing chemists for newly equipped factory y (35 mins. from Central London). The ppointed will assist the Chief Chemist in ture, control and production of anæsthetic ; knowledge of handling sterile solutions ssential though useful. Post will appeal to : and adaptable man. Write stating age, f training, and past experience, and indi- alary required, to Box U4629, A.K. Advg., ftesbury Avenue, W.C.2.

ASSISTANT PHARMACIST (male 25-30) required to undertake technical supervision of manufacture and/or packing of ethical pharmaceuticals. Previous similar experience useful, but not essential. Salary according to age, qualifications and experience. Write, giving full details (confidential), to Personnel Officer, May & Baker, Ltd., Dagenham, Essex. Please quote reference No. 3358.

BRITISH SCHERING LTD. Advertising manager. Applications are invited for appointment as executive in charge of the advertising of the company's medical and agricultural products in both Home and Overseas markets. Candidates should be well educated and have had practical experience of the ethical advertising of technical products and of the administration of an advertising department as well as some knowledge of modern packaging design. The appointment affords an exceptional opportunity for progress to a person of the requisite calibre and is pensionable. Applications will be received in strict confidence and should be addressed to the Managing Director, British Schering Limited, 167/169 Great Portland Street, London, W.1.

BOOTS PURE DRUG CO., LTD., have a vacancy for a qualified laboratory assistant in their development department to work on formulation of veterinary and horticultural products. Salary according to age, experience, and qualifications. Write Personnel Manager, Boots Pure Drug Co., Ltd., Station St., Nottingham.

BRITISH SCHERING LIMITED. Appointments to Representative Staff. It is proposed to appoint representatives to undertake propaganda in respect of the company's medical products in the following areas:—1. Central London, part Sussex and Channel Islands. 2. Oxford, Berks, Herts, Beds, Bucks, and Hants. 3. Bristol and the South West. 4. Liverpool, Cheshire, Staffs and North Wales. 5. East Anglia and N.E. London. Applications for these appointments are invited from young keen pharmacists of either sex or from similar persons who, although perhaps not academically qualified, have nevertheless a pharmaceutical background. Successful candidates will be given a thorough training so that previous experience of representation is not essential. British Schering representatives are provided with cars and are eligible for the company's superannuation scheme. Applications, which will be treated in strict confidence, should state age, qualifications, experience and salary required and be accompanied by a recent photograph. They should be addressed to the Home Sales Manager, British Schering Limited, 167/169 Great Portland Street, London, W.1.

BURROUGHS WELLCOME & CO. Several vacancies exist in London for assistant executives in the Overseas Division. Whilst a pharmaceutical background is desirable, a knowledge of general commercial subjects including export procedure, shipping, etc. is more important. Ability to write clear and concise letters in good English is essential. These jobs are capable of development in the right hands and may lead to higher posts in the export field, or in other activities of the company. Salary is progressive, and the initial figure will depend upon qualifications. Candidates under 35 years of age who have a good basic education are invited to apply for a form of application to the Manager, Overseas Division, 183 Euston Road, London, N.W.1.

CIBA LABORATORIES, LTD., Horsham, Sussex, require immediately two young qualified pharmacists for junior executive posts in Sales and Propaganda Departments. Previous experience not necessary. Please apply to The Manager, giving usual particulars and indication of salary required.

Situations Open—Continued

EASTERN AREA. Representatives who have a strong selling record and an established connection among chemists and stores are invited to apply for permanent post with well-known house selling nine nationally advertised proprietaries (some C.F., no cosmetics). Successful candidate must have worked counties of Essex, Herts., Beds., Cambs., Suffolk and Norfolk at least 10 years, representing houses of high repute. Age preferred 35/45. Own car temporary advantage. Area capable of significant development; previous man having reached well over retiring age, leaves marked goodwill for successor. Salary, comm. and expenses. Apply fully Box A/337.

CHIEF CONTROL CHEMIST wanted by pharmaceutical and cosmetic laboratories, experienced in analytical control of raw materials and products essential. Should be at least B.Sc.—F.R.I.C. (Branch E) advantageous. Initial salary not less than £800 per annum. Pension scheme; 5-day week. Applications to Production Manager, William R. Warner & Co., Ltd., Power Road, Chiswick, W.4.

ELECTRO-MEDICAL equipment manufacturers of nationally distributed apliances require representatives in London, Bristol, Birmingham areas. Applications are invited from successful salesmen with connections in electrical and/or chemist trades who are used to selling speciality lines. Salary and commission. Write with full details to Sales Manager, Box A/333.

EXPORT SALES CLERK, aged 20-26, with good mathematical ability and experience in pharmaceutical trade. Write, stating salary required, to Secretary, British Schering, Ltd., 167 Gt. Portland St., W.1.

FIRST-CLASS SALESMEN calling on chemists, hairdressers and stores to represent well-known manufacturers of rubber cushioned brushes, toilet and fancy goods. Salary, expenses, commission after short trial period. Full details to Box 6/618.

MANUFACTURING CHEMISTS in North London require experienced process man for the manufacture of pharmaceutical and toilet preparations under chemist's supervision. Apply, stating experience and salary required, etc., to Box A/330.

MANUFACTURING CHEMISTS require pharmacist supervisor. Manufacturing or good retail experience; either sex. Apply, stating age, qualifications, experience and salary required, to Managing Director, Wilkinson & Simpson, Ltd., Low Friar St., Newcastle-upon-Tyne.

NORTHUMBERLAND, DURHAM, Cumberland, Westmorland & N. Lancs. Salesman with established connection among chemists and allied outlets and exceptional sales ability, required to sell nationally advertised proprietaries, well consolidated (some C.F.). Age about 40. Must have at least 10 years' experience, be resident in area and possess first-class sales record. Own car an asset. Permanent and progressive post. Generous salary, commission, and expenses. Area now producing £11,000 p.a. and capable of considerable expansion. Write fully to Box 762, Erwoods, Ltd., 211 Piccadilly, London, W.1.

PH.C., OR B.PHARM. required primarily t in the investigation of methods of standar and presentation of biological solutions for teral use. Duties would also include some pation in routine aseptic production work. tion offers prospects and is superannuated. of Surrey. Some experience in aseptic pro methods would be desirable but not e Please apply in detail to Box 6/637.

REPRESENTATIVES required by ethical pha tical house for three areas, Lancs, South W West Country. Must be thoroughly experie calling on medical profession and have est connection with chemists. Salary, expens commission. Only first-class men should with full details of age, experience and sa quired, to Box A/332.

SALESMAN of more than average selling and who has genuine connection with p ceutical and allied outlets in the S.W. c W. Hampshire to Land's End required b of high repute. Only men of proved and integrity are asked to apply. Must first-class selling record and be used to h advertised products. Age about 40. Su candidate will be offered attractive salary an mission to sell limited number of est lines all nationally advertised and with hig over potential. Car owner preferred. Per and progressive post to right man. Fully applications to Box A/339.

SALES REPRESENTATIVE required to carry tive toilet article as an additional line in Midlands. Wales, Eastern, South-Western South-Eastern Counties. Good connectio wholesale and retail toilet trade essential. G commission basis. Box 6/612.

SALES REPRESENTATIVE for all veterinary p to qualified profession in Devon, Cornwa West Counties. Good salary with expens commission. Excellent prospects for man w itiative. Knowledge of veterinary products tial. Apply Box A/315.

SALES REPRESENTATIVE for all veterinary p to qualified profession in Kent, Hampshire, and adjoining counties. Good salary with e and commission. Excellent prospects for ma initiative. Apply Box A/316.

SALESMAN REQUIRED to cover Surrey, Herts, Bucks and Berks, for the sale of wel duced shaving creams, soap, etc., on sala allowance and commision basis. Apply in w to Toja Products, 6 Ludgate Circus Bldgs. don, E.C.4.

SENIOR SALESMAN wanted by well-known photographic dealer. Fully experienced an appearance. Write, giving particulars and required. Wallace Heaton, Ltd., 127 New St., W.1.

TABLET COATER. Urgently required, a all-round pill and tablet coater to take ch department dealing with plain and coloured London area, 5-day week. Apply, giving a perience, salary required, etc. Box A/335.

WESTERN HOME COUNTIES. Representativ have a first-class selling record and an esta connection among chemists and stores in Mid Bucks, Berks, Oxon, N. Hants, Wilts, Gloucester (including Bristol), are invited to for permanent post with well-known house nationally advertised proprietaries (many Successful candidate must have worked m area at least 10 years representing houses o repute. Own car useful at outset. Estal turnover capable of significant developme right man. Permanency with expanding Salary, commission, and expenses. Apply full 761 Erwoods, Ltd., 211, Piccadilly, London,

Situations Open—Continued

PHARMACIST

ently required for service with large indust- cern operating in the Middle East. Large s and staff of British M.O's and Sisters. able dispensing for hospital and outpatient Applicants must hold M.P.S and be not over active salary plus generous allowance in local y. Free passage out and home, medical atten- it allowance ; Pension Scheme ; good leave ments. Write giving age and full details of tions and experience quoting Dept. F.94 to Box 2278 at 191 Gresham House, E.C.2

MAKER. A thoroughly experienced tablet required by a well-known London house study foreman with a view to succession rite, giving details of experience, age and quired. Box A/334.

GHLY EXPERIENCED SALESMAN with selling ability required for W. Midland S. Staffs, Warwick, Worcester and N. er, to sell established and nationa ly ad- lines to chemists and stores with h'gh potential. Only top grade men with 10 years' record who are seeking broader d progressive earnings are asked to apply. t is permanent, candidates must have con- connection and have previously repre- dvertised products of repute. Age around rred. Attractive future to right man with nd energy. Salary, commission, and ex- Own car an advantage for immediate Applications, with full details, to Box

LERS required to handle excellent propri- e in South of England. Salary, expenses erous commission. Write Box A/336.

PHARMACIST, preferably man, required buling department of well-known London turing chemists. Wholesale manufacturing ce useful but not essential. Starting salary e but good prospects for adaptable and person. Write fullest details to Box A/329.

SITUATIONS WANTED

s 3/- (minimum) then 1d. per word. Box 1/-

RETAIL (HOME)

ANT, qualified, seeks post in good-class phar- Nottingham district. Box 6/634.

, English provincial and London experience, , available September. Accommodation ad- . Box 6/630.

ALIFIED, 38, married, City and West End nced, seeks permanency, Central or S.W. . Write, 257 Commonside, East Mitcham.

ALIFIED LADY dispenser, 16 years' experi- years' apprenticeship) requires full or part- ost easy reach Weybridge. Box 6/631.

WHOLESALE

TISER desires position, buyer, manufacturing s, cosmeticians, etc. Fully experienced. Ex- references and connections. Box 6/628.

LADY REPRESENTATIVE, with many years' experience and splendid connection with wholesale and retail chemists, grocers and stores in Middlesex, North and North-west London, desires salaried appointment with first-class perfumery or proprietary house. Excellent references. Car driver. Box 6/601.

PHARMACIST, early thirties, good knowledge of pharmacy and therapeutics, with hospital wholesale and marketing experience, seeks executive post in London area. Box 6/604.

PHARMACIST (36), resigned excellent post medical and trade representative, family reasons, requires post, propaganda or sales; consider outstanding agencies, or similar, where concentration on limited area around Cheshire possible. Own car. Ample storage if required. Full particulars first instance please. Box 6/639.

PHARMACEUTICAL CHEMIST, early thirties, sound experience of factory organisation, modern methods of manufacturing and packeting, production planning, labour control, etc., seeks executive appointment with reputable pharmaceutical company. Box 6/633.

REPRESENTATIVE, desiring change, offers 750 live accounts, chemists, Co-ops., Midland Counties. First-class references. Salary, commision, expenses or commission, expenses. Box 6/629.

REPRESENTATIVE covering Kent and Sussex. Experienced drugs, toilets and sundries, requires change to house well known on territory. Salary, commission and expenses basis. Full details to Box 6/636.

SERVICES AVAILABLE in England. Pharmacist with over twenty years' experience (field and administration) in Eastern markets. Replies in confidence. Box 6/581.

SOUTH SCOTLAND. 4 Northern Counties, England. Gentleman, 40, 15 years' experience, calling on retail pharmacists, and wholesalers, in above area, and at present representing a really first-class house, wishes an additional agency. Only products of highest quality and merit considered. Commission basis. Box 6/638.

AGENCIES

36 words 17/6 (minimum) then 4d. per word. Box 2/-

AGENTS with first-class connections with chemists, required to handle a popular six and eight exposure roll film. Attractive discounts and commission. The Panda Film Co. (Wholesale), Ltd., 12 Laings Corner, Mitcham, Surrey.

AGENCIES WANTED

36 words 8/6 (minimum) then 3d. per word. Box 2/-

N. IRELAND. A few first-class non-competing lines required. Good connection all wholesale and retail grocers, chemists, etc. Expenses and commission basis. Box 6/593.

FOR SALE

36 words 8/6 (minimum) then 3d. per word. Box 2/-

FOR SALE IN ONE LOT. Incubator, autoclave, drying ovens, laboratory glassware, etc., no reasonable offer refused, s.a.e. list or appointment to view:—Dible, 397 London Rd., Mitcham, Surrey. Mit.: 1671.

therwise stated, address all replies to Box Numbers c/o THE CHEMIST & DRUGGIST, 28, Essex St., London, W.C.2

WANTED

36 words 8/6 (minimum) then 3d. per word. Box 2/-

MANUFACTURER desires supplies of glycerine to augment allocation. Offers to Box A/2.

PUNKT ROLLER urgently wanted. Can anyone help. Box 6/626.

REQUIRED. Frothing agent for beverages. Must not contain Saponin. Box 6/617.

URGENTLY REQUIRED, modern automatic powder filling machine, Rose Jagenburg Höller Acma, or similar make, to fill 12 grammes powder into envelopes $2\frac{7}{8}$ in. wide x $4\frac{5}{16}$ in. open length, at speeds 40-80 per minute. Phone particulars Elgar 8095.

WANTED. Large bottle or cylindrical shaped glass carboys as formerly and still sometimes used by chemists for window display. Please write quantity available. Conditions and price to D. Jacobson, 95 Esmond Rd., Crumpsall, Manchester, 8.

MISCELLANEOUS SALES

36 words 17/6 (minimum) then 4d. per word. Box 2/-

BOTTLE-WASHING MACHINE for sale. Dawson Hydro. Steam heated, complete with pre-soaker, 50 trays, pump filters and spares, to take any size bottles up to 11 in. high. Cost £467, only used two months. Offer invited. Rapidol, Ltd., 22 St. Margaret's Rd., London. W.7. Ealing 2836.

BOTTLES FOR IMMEDIATE SALE. 100 gross 10 oz., wide mouth convex; 100 gross 5 oz. ditto.; 160 gross 5 oz. sq. barley sugars; 200 gross 4 oz. pomades; 400 gross 2 oz. pomades; 300 gross 4 oz. squat pomades; 650 gross 5 oz. wide mouth fancy toilet ovals. All with caps. No reasonable offers refused. Samples available. Box A/331.

FOR SALE. Roberts Leo "C" double head vacuum bottle-filling machine, 230v a.c., in excellent condition. Offers. Box 6/619.

GLASSBLOWING, medical, scientific, and repetition by Hall Drysdale & Co., Ltd., 58 Commerce Rd., Wood Green, London, N.22. Phone: Bowes Park 7221.

IODISED GLYCERINE and blackcurrent pastilles. Bulk 4/4 per lb., or attractively packed small tins, 13/4 doz. Liquorice and menthol pellets, bulk 6/- lb. or tins in 3 doz., display outers, 53/4 gross. All prices inclusive purchase tax. Samples sent on request. Willsons, Ltd., High Rd., Balby, Doncaster.

NEWMAN LABELLING MACHINE, 1948 model, in new condition; coding device; fitments for 4 oz. and 8 oz. cylindricals; 4 oz. bow panels. Offers. Box 6/620.

REDUCED PRICE to clear surplus. Panak films, in attractive cartons, 6 ex. 20 and 62 only. 18s. 6d. per doz., plus postage. Gross lots, 18s. doz., post free. Guaranteed perfect. Cont. retail price 2s. 8d. Box 6/503.

SACCHARIN TABLETS, 550.02 gr. packed in envelopes in 100's boxed in gross boxes, 5 gross 57/- gross. 10 gross 56/-. C.O.D. or C.W.O. Postage paid. Quotation for large quantity per return. Samples sent on request. Kale Bros., 23 St. Kildas Rd., London. N.16. Sta 9108.

STANDARD SACCHARIN TABLETS, 0.2 gr. 550, in packets of 100 tablets, boxed in 1-gross lots. 1 to 5 gross at 56s. p. gross. 6 to 10 gross at 55s. p. gross. All parcels sent free, registered post express. C.W.O. only. Quotations for larger quantities by return. Tell Products, Ltd., 22-24 Rosemont Rd., London. N.W.3.

150 GROSS WHITE OPALS, 2 oz. jars with black plastic caps; 400 gross 8 oz. green rounds and 330 gross 4 oz. clear cylindricals, both with plastic caps and unprinted; 3 doz. sectional cartons. Offers. Box 6/621.

SALES BY AUCTION

2/6 per line (12 lines=1"). Box 2/-

CAMBRAY AUCTION MART, Chelten
Auction Sale, Friday, 26th August, b
Vivian Copeland, F.A.I., fittings, equi
of chemist's shop, including mahogany
nest drawers, shelving, show cases, oak do
fronted shop window backing with ref
mirrors, counter, panelling, personal and
weighing scales, antique specie jars, mec
jars. Catalogues from Auctioneer's Offic
Regent St., Cheltenham.

B. NORMAN & SON
2 to 5 Little Britain (close to G.P.
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will sell by auction on Wednesday, A
31, at 1 p.m., Excellent modern che
shop fixtures, 3 drug runs, 6 chemists'
cases, large selection of glass counters,
salesmen. Cash desk, pilaster, lobby
island showcases, mirrors, display stands,
desks, typewriters, filing cabinets, etc.

View day prior and morning of sale.
logues (3d. post free) on application.
arch 8501/2.

IN VOLUNTARY LIQUIDATION

In the matter of Corby Pharmacy, Ltd.
order of the Liquidator, Ronald P. B
Esq., Chartered Accountant (Messrs. P
S. Booth & Co.), 5 Rumford Place, Chapel
Liverpool, 3.

OLD WHARF ROAD AUCTION SALE ROO
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MESSRS. GOLDING

will offer for sale by auction in the a
Auction Sale Rooms, where the goods
been removed for convenience of sale,

ON THURSDAY, SEPTEMBER 1st, 19
the large and varied stock-in-trade, etc.,
cluding well-known makes of toilet requis
perfumes, powders, shampoos, dental cre
shaving brushes, creams and soaps, razors,
gross Vim, 7 Weedex gas boilers, banda
rubber hot water bottles, 6 "Magic" came
2 Penguin roll film cameras, Thermog
starch, cocoa, toilet papers, polishing clo
Brand's Foods, furniture cream, polishes, d
stationery, propelling pencils, drawing ins
ments, fountain pens, children's books, me
books, games, plastic tea sets, toys, dolls, cl
work fire engines, chromium-plated go
handbags, travel cases, lipstick, brushes, spon
plastic goods, animal preparations, quantity
paints and distemper, glazed counter s
cases, 5 plated glass show stands, cash till
numerous other effects. Approximate value
cost £1,250.

The whole of the stock and fittings will
offered for sale in one lot at an upset pr
and failing realising this will be offered
sale by auction in convenient lots to suit
purchasers.

The stock will be on view Wednesd
August 31st from 10 to 12 o'clock (midd
and from 2 to 4 p.m.

Sale to commence at Eleven o'clock prom
Auctioneer's Office,
38 Westgate, Grantham.
Phone Grantham 44.

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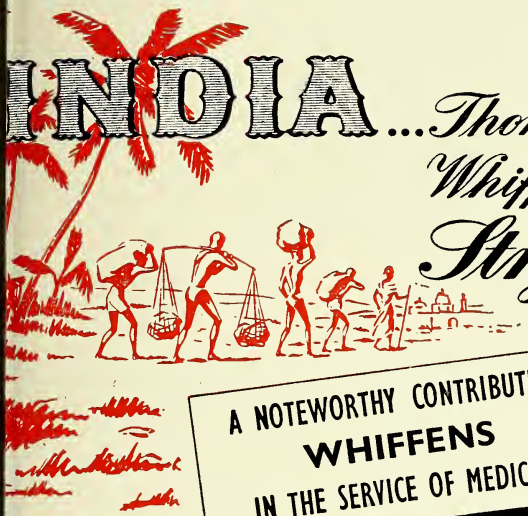
INDIA ... Thomas Whiffen and Strychnine



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The CHEMIST AND DRUGGIST
AUGUST 20, 1949

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